Volume # R0329

B00K 329

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INDEX DIAGRAM.

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PRELIMINARY OATHS OF ASSISTANTS.

do columnly swear that we will an II was faithfully as a first of the columns. But the second the property of congressed of both to ... of conduct 1 ** + Commence of the same of the 9180 Director Utah State Director Payson Forest Reserve Boundary in T. 11 S., R. 3 E., Salt Lake Maridian, Utah In accordance with a request from the U. S. Forest Service by letter 5490 dated April 21, 1967, copy enclosed, action has been taken by this office to clarify the correct position of the Payson Forest Reserve boundary through T. 11 S., R. 3 E., Salt Lake Meridian, Utah. The Payson Forest Reserve boundary was curveyed by J. P. Welker in 1904 as the 3rd meridional line through T. 11 S., R. 3 E., as shown on plat approved June 12, 1906. In 1916 Howard W. Miller and Lyman E. Bolinger subdivided the township, established new corners along the 3rd meridional line and preserved the forest boundary no provided by the special instructions and is shown on the plat approved March 6, 1920. Patents were subsequently issued, based upon the plat approved Harch 6, 1920; recognizing the 3rd meridional line shown thereon as the forest boundary. In view of these findings and at the request of the U. S. Forest Service, mile posts 37 through 43, established in 1904, have been recoved. The records in this office have been noted accordingly.

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ISTR. D. NIELSON To galar a properties Enclosure

cc: U.S.F.S. L.O. 4

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FOREST BOUNDARY MILEPOSTS REMOVED

MP 37 through 43, established in 1904, have been removed: (See State Director's letter 6/5/67 on opposite page).

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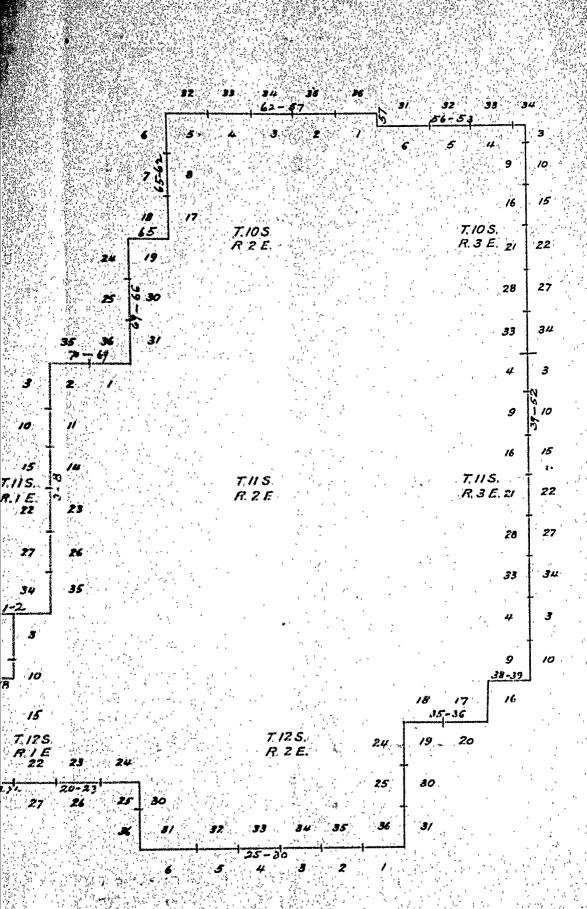
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PRELIMINARY OATHS OF ASSISTANTS.

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INDEX TO PAYSON FOREST RESERVE NOTES

Survey commenced October 3, 1904, and executed with Chains. a Young & Sons Transit No. 10, with Smith patent solar attachment. The horizontal limb is prosolar attachment. vided with two verniers reading to single minutes of arc, which is also the least count of the latitude and declination arcs. Having previously made adjustments of the transit proper, including adjustments of level bubbles, standards and line of collimation, I proceed as follows to test adjustments of solar apparatus and its position with respect to line of collimation of transit: At the 2 sec. corner on south boundary of sec. 33, T. 11 S., R. 1 E., of Salt Lake Base and Merid-ian, State of Utah, which is in latitude 39°48'41' longitude 111°52 W. from Greenwich. I beserve Polaris in accordance with Manual at 7h58m p.m. 1.m.t., and mark the direction thus determined by a hub, firmly driven in ground, 6.00 chs. dist. from instrument. 12ⁿ43.7^m C. Polaris, Oct. 1, Reduction to Oct. 3, 36 U. C. Oct. 3. 58 Time of observation Oct. 3. 41138m Time argument, Azimuth of Folaria, 1°28'30" October 3, 1904. At 7 a.m. I turn off the azimuth of October 4: Polaris 1°28'30" to the west and establish true meridian and mark direction thus determined by hub firmly set in ground 6.00 chs. N. of instrument. Thence to test solar apparatus I set off 39°48'45" on latitude are and 4°15' S. on the declination arc, and at 7 a.m. establish meridian with solar and find same agrees with meridian established from Polaris. Thence I set off 4°23' S. on the declination are and at 11^h48^m48^s 1.m.t. observe sun on meridian and obtain a reading of 39°48'45" on latitude arc, which agrees with other data. Thence I set off 39°48'45" on latitude are and 4°24'30" S. on declination are and at 5 p.m. establish meridian with solar and find meridian thus determined agrees with a.m. observation and Polaris observation. Magnetic declination 16°45' E. of north Oct.4,1904 T. 11 S. R. 1 E. At corner of secs. 32 and 33 on S. bdy. of T. 11 S. R. 1 E., which is a limestone 14x10x8 ins. above ground, firmly set and properly marked, and its position is corroborated by evidence of old settlers, I set off 39°48'45" on latitude arc and 4°38' S. on declination arc, and at 7 a.m., October 5th establish meridian with solar. Thence I run East on random retracement line on south boundary of sec. 33. 40.34

Original position of old \$\frac{1}{2}\$ sec. corner bears N. 86

**Rks. dist., in center of E. and W. lane, and point is ascertained by evidence of John Molyneaux, who states that he has lived in S. W. \$\frac{1}{2}\$ of sec. 33 since 1862, and will certify that this is original position of the \$\frac{1}{2}\$ sec. corner within three or four feet. There is evidence of an old mound of earth and also stubs of old post forming fence line west from this point. I therefore accept this as true original point and set a limestone 24x14x12 ins. 18 ins. in ground for \$\frac{1}{2}\$

PAYSON FOREST RESERVE DOUBLARY.

T. 11 S., R. 1 T.

	1
Chains.	sec. corner, marked bon H. face, and dig pits
	sec. corner, marked ton H. face, and dig pits 18x18x12 ins., 3 ft. E. and W. of corner, and
'	raise mound of stone covered with earth. 4 ft.
	base, 2 ft. high, E. of corner.
	Thence I run
hould be	S. 88°41' W. on true retracement line along W. half
80 47' H.RM.	of south boundary of sec. 33, down center of 66-foot lane.
40.34	Corner of secs. 32 and 33; south boundary of Hona
	Cemetery hears I. 33 lbs. diet:
	Cemetery bears N. 33 lks. dist. Thence from the ; sec. corner on south boundary of
	sec. 33 I run
	H. 88°47' E. on true line along S. boundary of sec.
	33 in center of 66-foot lane. This bearing is
	used that line to east may conform to present on-
	isting lane and be a continuation of west half-
	mile; no evidence of the post 30.00 chs. east,
	as called for in notes, and original line is as-
	sumed to have been straight in absence of evidence to contrary.
1.30	Willow Creek, 12 lks. wide, 6 ins. deep, clear
	fresh water, course H. W.
20.00	Lane fence, 33 lks. S., corners and turns S.;
.	fence 33 lks. N., corners and turns N.
30.00	No trace of old post called for in notes of
_	General Land Office.
40.00	Set limestone 20x10x6 ins., 15 ins. in ground, for
	corner of secs. 33 and 34, marked with 3 notches
	on E. and W. faces, and raise mound of stone, 4
	ft. base, 3 ft. high, N. of corner.
	Land, level and rolling. Soil, gravelly, 4th rate.
	Timber, none.
	Note: This corner was set and mound of stone re-
	placed H. of corner after line from south had been
	run and found to be a closing line.
	From corner of secs. 33 and 34 on south boundary
	of T. 11 S., R. 1 E., I run
	East on true line along south boundary of sec. 34.
	ascending abruptly west slope of Mt. Rebo, bears
	N. and S.
2.00	
	prairie.
8.70	Draw, 10 lks. wide, course E. 80° W.
31.90	Same draw, course S. 80° W.
39.90	Side hill wash, 5 lks. wide, course N. 30° W.
40.00	Set limestone 20x10x5 ins. 15 ins. in ground for
	1 sec. corner, marked ton N. face, and raise
	mound of stone, 3 ft. base, li ft. high, I. of
61.31	Offset to N. 20 lks. to pass vertical rock pinnacle
TC • TC	on line.
63.01	Take up offset to S. 20 lks. to true line.
68.72	Offset to S. 21 lks. to pass rock ledge.
71.09	Take up offset to N. 21 lks. to true line.
80.00	Set iron U. S. Forest Reserve Boundary Post Ro. 7, 1
	30 ins. in ground, and build mound of stone, 3 ft.
	base, 12 ft. high, around same for corner of secs.
	34 and 35, marked:
	T 11 S S 35 in N. D. quadrant
	R 1 E S 34 in N. W. quadrant
	RESERVE in N. E., S. E. and S. W. quadrants, with 2 notches on E. and 4 on W. faces, and raise
	mound of stone, 4 ft. base, 3 ft. high, E. of
	corner; no trees available; pits impracticable.
	Worner falls on N. W. slope of spur, which latter
	Worner falls on K. W. slope of spur, which latter runs about S. 80° W. from Mt. Hebo, and 2170 ft.

- PAYSON FOREST RESERVE BOUNDARY.

T. 11 S., R. 1 E.

Chains. by vertical angle, above sec. corner to W., in valley. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, small scrubby dense oak brush. October 5, 1904. October 6: Cloudy and rain. October 7: From corner of secs. 34 and 35 on south boundary of T. 11 S., R. 1 E., I run N. 0°01' W. on true line between secs. 34 and 35, through dense small oak brush, descending bears W. E. and S. W. Offset 23 lks. to the F., around vertical rock 5.60 pinnacle. Take up offset 23 lks. W. to true line. Swail forming head of draw, course N. 80° W., at base of 200-foot descent; begin ascent, bears 6.00 10.00 N. 20° W. and S. 20° E. 20.50 Top of 150-foot ascent on spur ridge bears E. and W., and top sloping abruptly to W., begin descent bears N. 70° E. and W.
Trail along rocky side hill, bears N. 60° W. and 38.00 S. 60° E. Mark cross (+) and W. C. 4 on N. side of boulder 39.40 in place 6x3x4 ft. above ground, for witness corner to $\frac{1}{4}$ sec. corner between secs. 34 and 35, from which: A red fir, 12 ins. diam., bears H. 65°30' W., 56 lks. dist., marked 4 S 34 B T A vine maple, 4 ins. diam., bears S. 21°15' E. 46 lks. dist., marked RES 2 S 35 B T and build mound of stone, 3 ft. base, 2 ft. high, 2 ft. S. of cross on top of boulder (not practicable to place mound on W. of cross.

True point for 4 sec. corner falls on unsafe ground too steep to set a corner. 40.00 Base of 850-foot descent at creek, 20 lks. wide. 40.80 course N. 60° W., stream of fresh water, 5 lks. wide, 4 ins. deep, which sinks in places under cobble rocks; 4.00 chs. E. of line is 80-foot waterfall over rook ledge. 48.00 Draw 10 1ks. wide, course W.; begin ascent, boars E. and W. Draw, 10 lks. wide, course S. 80° W. 53.90 Draw, 8 1ks. wide, course S. 80° W. 59.00 Top of 200-foot ascent on steep W. slope: begin 64.00 descent bears N. E. and S. W.

Draw 10 lks. wide, course S. 80° W., at base of
90-foot descent; begin ascent; enter scattering
cedar timber, bears E. and W.

Top of 450-foot ascent bears N. 80° E. and S. 80° W.
on spurof Mt. Nebo. Leave cedar timber, bears 66.75 77.50 E. and W., continue in scrub oak and mountain ma-hogany brush. Begin descent, bears N. 80° E. and S. 80° W. Set iron U. S. Forest Reserve Poundary Post No. 6, 79.00 80.00 24 ins. in ground for corner of secs. 26, 27, 34 and 35, and build mound of stone around same, 4 ft. base, 1; ft. high, marked:
T 11 S S 26 in N. E. quadrant 1 WES 35 th S. E. quadrant s 34 in S. W. quadrant S 27 in N. W. quadrant RESERVE in N. E. and S. E. quadrants, with 2 notches on E. and I on S. sides. No trees available, and pits impracticable.

build mound of stone, 4 ft. base, 3 ft. high, W.

T. 11 S., R. 1 F.

Chains. of corner. Land, mountainous. Soil, black limestone and gray, gravelly, 4th rate. Timber, cedar and sonttering fir along cliffs forming banks of creek, dense scrub oak, vine maple and mountain mahogany brush. I set off 5°32'30" S. on declination are and at lgmoss before noon 1.m.t., observe sun on meridian and obtain a reading of 39°49'30" on lutitude are, which agrees with other data.

From corner of secs. 26, 27, 34 and 35 I run

M. O'Ol W. on true line between secs. 26 and 27, through dense oak brush, descending abruptly Cedar post set in mound of stone bears E., 70 1.60 dist., mineral claim stake marked: "N.W.C., Post 111. Ritch Sun Claim." 9.00 Base of 300 ft. descent at draw 15 lks. wide, course N. 80° W.; solid rock bottom draw, begin ascent Top of 100-foot ascent on W. slope of spur-begin de-17.10 scent. 21.80 Draw 10 lks. wide, course N. 70° W.; base of 200foot descent; leave oak brush, enter scattering cedar and mahogany brush and begin ascent. Kining claim or tunnel line post bears E., 20 lks. dist...marked "15104 A".
Top of 100-foot ascent on F. slope of spur; begin descent, bears E. 30° E. and E. 30° W. 24.31 25.75 Set limestone 18x10x8 ins., 12 ins. in ground, for 33.50 witness corner to } sec. corner, marked W. C. on W. face, from which: A black pine, 10 ins. diam., boars R. 24° W., 22 lks. dist., marked W Cls 27 B T A cedar, 8 ins. diam., bears S. 63° E., 43 lks. dist., marked RES W C & S 26 B T Begin precipitous descent down impassible canyon 33.62 wall, over which I tuke stadia reading. 33.62 33.62 Instrument Angle (vertical) across = +5°06° Rod reading 1230 ft.
Red. to horizontal meas. = 1220 ft. = 1530 ft. 18.48 ohe. Dist to roa, 52.10 ohe. 49'-00 True point for } sec. corner falls on inaccessible canyon wall. (About)Creek 10 lks. wide, 3 ins. deep, course W., in canyon; base of 600-foot precipitous descent; begin precipitous ascent up W. wall of rook 41.00 canyon. 51.00 Top of canyon wall; continue gradual ascent boars N. 80° W. and S. 80° K. bears T. and W. to minors cohin, on S. slope 52.85 of cliff about 30.00 chs. east. In prominent view from trail, I set iron U. S. Forest Reserve Boundary Post No. 5, 10 ins. in ground to solid rock and build mound of stone. 53.09 base, 3 ft. high, around same for reserve boundary marking, marked: RESERVE in N. E. and S. E. quadranto, from which: A cedar, 5 ins. diam., boars N. 35° E., 86 1ks. dist., marked RES BP No. 5 BT
A cedar, 6 ins. diam., boars S. 40° E., 97
1ks. dist., marked RES BP No. 5 BT
On top of ascent 500ft. above creek, on W. slope of mountain. Begin descent bears E. E. and S. W. Deave cedar 54.00

and mahogany growth; enter dense out brush; bears

N. E. and S. W.

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PAYSON FOREST RESERVE BOUNDARY.

T. 11 S., R. 1 E.

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Chaine.
61.50
                Mouth of tunnel, bears E. 2.50 chs.
                Draw, 8 lks. wide, course 5. 60° W., at base of 400-foot descent; thence over rolling bench slop-
71.75
                ing to the T.

Set limestone 22x12x6 ins., 16 ins. in ground, for corner of sees. 22, 23, 26 and 27, marked with 2 notches on E. and 2 on S. sides; no trees available; pits impracticable. I build mound of stone
80.00
                    4 ft. base, 3 ft. high, w. of corner.
                Land, mountainous.
                Soil, rocky limestone, 4th rate.
                Timber, cedar and scrub oak and mahogany brush. Hany mining claims and prospects in secs. 26 and 27 and some showing of lead and silver.
                                                                              October 7, 1904.
                October 8: At corner of secs. 22, 23, 26 and 27, I set off 39°50' on latitude are and 5°47' S. on declination are and at 7 a.m. establish moridian
                    with solar.
                Thence I run
                N. 0°01' W. on true line between secs. 22 and 23,
                    over rolling bench, through scrub oak brush.
                Draw 10 1ks. wide, course W. Begin descent, bears N. 80° E. and S. 80° W. Trail, bears N. 80° E. and S. 80° W., at base of
 1.30
20.00
24.40
                    100-foot descent.
                Dry creek, 50 lks. wide, 20 ft. banks, course
25.50
                    S. 80° W.; begin ascent.
                Top of 150-foot ascent on W. slope of spur, thence
33,00
                along steep W. slope.
Set limestone 30x16x12 ins., 6 ins. in ground to rock, and build mound of stone, 4 ft. base, 2 ft. high, around same for 1 sec. corner, marked 7 on
40.00
                    W. face, from which:
                          A cedar, 4 ins. diam., bears N. 81°45' F., 153
lks. dist., marked RES & S 23 B T
No other trees available; I build mound of
                    stone, 4 ft. base, 3 ft. high, W. of corner.
                Flat rocky wash 15 lks. wide, course W. Rocky draw, 30 lks. wide, 20 ft. banks, course W. Draw, 15 lks. wide, in 50 ft. raving, course W. Rocky draw, 10 lks. wide, 20 ft. Banks, course W.
40.20
44.20
49.00
56.50
                Draw, 10 lks. wide, in 40-foot ravino, course T. Draw 10 lks. wide in 50-foot ravine, course T. Begin descent, bears T. H. and T. W. Draw, 10 lks. wide, course W., at base of 90-foot
64.40
71:00
75.50
79.30
                descent, begin abrupt ascent.

Falls on slide rock, too steep to set corner.

Set iron U. S. Forest Reserve Boundary Post Ro. 4.
80.00
83.00
                    26 ins. in ground, and build mound of stone, 4 ft. base, la it. high, around same for T. C. to corner of secs. 14, 15, 22 and 23, marked:
                    W C on top of cap
                    T 11 S
R 1 E
                                   S 14 in N. E. quadrant
S 23 in S. E. quadrant
in S. W. quadrant
in K. W. quadrant
                     8 22
                     S 15
                    RESERVE in N. E. and S. E. quadrants, with 2 notches on E. and 3 on S. feces; from which:

A cedar, 6 ins. diam., bears F. 79°15' F., 8'
lks. dist., marked RES W C T 11 S R 1 E
                               S 14 B T
                          A cedar, S ins. diam., bears S. 72° W., 132 dist., marked W C T 11 S R 1 E S-22 B T No other trees available.
                     Witness corner on west slope of spur 3.00 chs. N.
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of true point; 100 ft. above draw.

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PAYEON FOLDER RUCKEVE BOURDARY.

T. 11 S., R. 1 E.

- '	
Chains.	Land, mountainous and precipitous. Soil, limestone, rocky and gravelly, 4th rate. Timber, scattering coder, sorub oak brush and mountain mahogany; about 15.00 chs. W. of line is foot of steep W. slope of Nebe Mountain range, bearing W. and S. Kany mineral claims and prospects in secs. 22 and 23 and some evidence of lead and silver.
	so the Bone evidence of Test and Silver.
,	At true point for corner of secs. 14, 15, 22 and 23, which is 3.00 chs. C. of ". C., I set off 5°55'15' S. on declination arc, and at 12 ^m 21 ^s before noon, 1.m.t., observe sun on meridian and obtain a reading of 39 51' on latitude arc.
	Thence I run
	N. 0°01' T. on true line between secs. 14 and 15,
3.00	ascending over slide rock. Top of 100-foot ascent, bears N. 10° W. and C. H.; thence along steep T. slope of spur through oal; brush.
15.00	Ravine 80 ft. deep, course W.
20.00	Top of ridge, sloping to T.: begin abrupt descent.
00 00	bears . and .
28.00	Crock, 10 lks. wide, 4 lns. deep, clear limestone water, course %, at base of 300-foot descent, begin ascent.
38.00	Top of 200-foot ascent on T. slope of spur; thence
40.00	along W. slope.
40.00	Set red granite 20x8x5 ins., 15 ins. in ground, for sec. corner, marked 5 on 3. face and raise mound of stone, 4 ft. lase, 3 ft. high, 3. of corner.
45.00	Rocky gulch, 10 lks. wide, course T.
59.00	Rocky gulch, 10 lks. wide, course ". Rocky gulch, 10 lks. wide, course ".
74.00	Rocky gulch. 15 1ks. wido. 50 1t. doop. course
78.20 80.00	Rocky gulch, 1) lks. wide, 30 1t. deep, course T. Set iron J. F. Forest Reserve Foundary Post Ro. 3,
00.00	18 ing. in Ground to rock and build mound of stone,
	4 ft. bace. 2 ft. high. around came, for corner
	of socs. 10, 11, 14 and 15, marked: T 11 S S 11 in H. D. quadrant
	F 11 S S 11 in H. H. quadrant R 1 V S 14 in S. T. quadrant
	3 15 in S. W. quadrent
	1 c 10 in N. W. quadrant
	FIGURE 4n H. H. and C. T. quadrants, with 2
	notches on T. and 4 on T. sides, from which: A codar, 12 ins. diam., bears N. 35° E., 66 lks.
	dist. marked REC T 11 C K 1 E S 11 B T
	A cedar, 12 inc. dlas., bears 2. 32°45' E., 74
	1ks. dist., marked TMS T 11 S R 1 E S 14
	BT and adam hopen 2 700751 W 20
	A cedar, 12 inc. diam., bears 2. 72°15' W., 29 1kg. dict., marked T 11 S R 1 E S 15 B T
	1 A cedar. 14 ing. diam., boars R_{\bullet} 61°30° R_{\bullet} , 131
	lks. dist., marked T 11 S R I E S 10 B T
	Land, mountainous.
	Coil, rocky, limestone, 4th rate. Timber, scattering coder, scrub oak brush and moun-
	tain mahogany in clusters.
	October 8, 1904.
	October 10: At corner of secs. 10, 11, 14 and 15,
	I set off 39°52' on latitude are and 5°50'30" S.
	on declination are, and at 8 a.m. establish mer-
	idlan with solar.
	Thence I run N. 0°01' W. between secs. 10 and 11, along steep W.
	clope of mountain, through scattering coder timber
	and dence manogany brush in clusters.

T. 11 S., R. 1 E.

Chaine 3.00 Rocky gulch, 10 lks. wide, 30 ft. deep, course W. Rock walled gulch, 10 lks. wide, 40 ft. deep, course 10.30 Point of rock on V. slope of ridge. Swail draw, course W. 14.45 16.50 Swall draw, course W.
Rocky gulch, 10 lks. wide, 50 ft. deep, course W.
Sot granite 18x12x6 ins., 12 ins. in ground, for
§ sec. corner, marked § on W. face, and raise
mound of stone, 3 ft. base, 2 ft. high, W. of
corner; from which the S. W. face of a limestone
boulder 12x8x6 ft. above ground bears W. 20° E.,
35 lks. dist., marked B. E. Point of rock on
north side of butte bears Y. 79°15' W., about 5.00 29.00 40.00 che. dist. 45.00 Rocky wash in flat swail, course E. 70° W. Ecvino 80 ft. deep, course E. 70° W. 50.60 Top of white quartzite ridge on steep W. slope. **57.5**0 Brushy swail, course W. 64.80 Begin descent, bears H. E. and S. 10° %. Brushy swail, course U. 70° W., base of 100-foot descent. Thence over rolling surface, sloping 66.00 69.30 gently to west, dotted with clusters of donse oak trush. Creek 6 lks. wide, 4 ins. deep, course E. 70° W., for 10.00 ohs.; thence W. into flat. 77.40 for 10.00 chs.; thence T. into flat.

Set iron W. C. Forest Peserve Boundary Post No. 2,

20 ins. in ground to rock and build mound of

stone, 4 ft. base, 2 ft. high, around same, for

corner of secs. 2, 3, 10 and 11, marked:

Till Sizin W. T. quadrant

Ris Sill S. F. quadrant

Sill Sill S. F. quadrant

Sill Sill S. F. quadrant

RESERVE in N. E. and C. E. quadrants, with 2

notches on E. and 5 on S. sides, and raise mound

of stone, 4 ft. base, 3 ft. high, 5 ft. W. of

corner. No trees available; pits impracticable.

Land. mountainous. 80.00 Land, mountainous. Soil, rocky, 4th rate. Timber, few scattering codars, brush of mountain mahogany and serub oak. At this corner I set off 6°41' C. on declination are and at 12m54s before noon, 1.m.t., observe sun on meridian and obtain a reading of 39°53' on latitudo arc. From corner of sees. ?, 3, 10 and 11 I run N. 0°01' W. on true line between sees. 2 and 3, over rolling surface gradually sloping to W., through scrub oak bruch.
Old road, bears N. E. and C. W.
Wash, 5 1ks. wide, course W. 1.35 5.50 Old road, bears . and W. Draw, 10 lks. wide. 20 ft. banks, course N. 70° W. Draw, 10 lks. wide, course ".: begin ascent, boars .8.00 .23.50 26.85 T. and ". Top of 90-foot ascent on steep W. slope.
Begin descent, bears W. E. and C. 10° W.
Set limestone 18x10x8 ins., 12 ins. in ground,
for sec. corner, marked on W. face, and 34.00 38.00 40.00 build mound of stone, 3; ft. base, 2 ft. high, W. of corner: pits impracticable. Draw, 10 1ks. wide, course W. 60° W., 20 ft. banks. Pase of 80-foot descent; thence over rolling surface, gradually sloping to W., dotted clusters of scrub oak brush. 52.35

Draw. 8 lks. wide, course N. 70° W.

Intersect 2nd Standard Parellel South 3.82 chs.

66.10

85.10

900K 325

PAYSON FOREST RESERVE BOUNDARY.

T. 11 S., R. 1 F.

Chains.

E. of standard corner of secs. 34 and 35, which is blue limestone marked as described and firmly set, with mound of stone over corner.

At this intersection I set iron U.S. Forest Reserve Boundary Tost No. 1, 24 ins. in ground, and build mound of stone, 6 ft. base, 12 ft. high, around same for closing corner of secs. 2 and 3, marked:

C C on top of cap south of center
R 1 E S 2 in S. E. quadrant
T 11 S 3 in C. W. guadrant
RESERVE in S. F. quadrant, with 2 notches on T. and 4 on W. faces, and build mound of stone, 4 ft. base, 3 ft. high, 5 ft. south of C. C.
Land, rolling and broken.

Soil, gravelly and rocky, 4th rate.
Timber, scrub oak brush.

GENERAL DESCRIPTION T. 11 C., R. 1 E.

October 10, 1904.

In the eastern portion, comprising two tiers of sections, the country is extremely mountainous and rough. Mt. Nebo, with an elevation of 11680 ft. above sea and 6600 alove valley to the west, is approximately on east boundary of township, about in sec. 25; the range, composed of peaks and summits very steep and a little less elevation, running F. and C. Mountains covered with growth of small oak brush, vine maple in draws; mountain mahogany nearly to top, is then barren rocky craigs and slide rock; the north slopes near summits have growth of fir timber, though most dense; lower on mountain is some scattering cedar. Several fresh water streams flow west from mountain and are used in irrigating valley in western and central portion of township. Water supply is not sufficient, however, to reclaim all available lands. Much of water sinks in rock talus of mountain; in some cases is conducted across this by rock-walled ditches. There is an economic field for small expenditures along this line. The western and central portion is rolling and level open valley, western portion being traversed by Salt Creek and by S.P., L.A. and F.L. Railroad. Settlement and town of Mona is situated in sees. 31 and 32 and is watered by lillow creek. The central eastern portion of township contains lead and silver and is being worked on very small scale in sec. 26, though many claims are staked and some prospecting has been done. General formation is blue limestone and flint, with granite core. Mean magnetic declination 16°40° F.

October 11th: T. 12 S., R. 1 E.

ft. high, around same, for witness corner to corner of secs. 21, 22, 27 and 28, marked: W C on top of cap

At corner of secs. 21, 22, 27 and 28, T. 12 S.,
R. 1 E., which is a limestone Ex5x6 ins. above
ground, firmly set, correctly marked and witnessed
by small mound of stone ". of corner, which I increase to 4 ft. base and 3 ft. high.

At a point 7 lks. west of this corner: I set iron
U. S. Forest Reserve Poundary Post No. 17, 30 ins.
in ground and build mound of stone, 4ft. base, 1

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PAYSON FOREST DECERVE ROUTDARY.

Till S S 22 in T. F. quadrant
R 1 E S 27 in S. D. quadrant
S 28 in D. T. quadrant
S 21 in Y. T. quadrant
RESERVE in N. D. and D. T. quadrants.
At the true corner I set off 39°45' on latitude are and 6°59' S. on the declination are and at 8 a.m., a.s.t., ostablish meridian with solar.
Thence I run
N. 0°02' W. on true line letween secs. 21 and 22, descending over rocky purface, dotted with cluster

descending over rocky purface, dotted with clusters of oak and appleberry trush.

descent; begin ascent.

Top of 50-foot ridge, lears T. and T.: begin descent.

Spring brook, 3 lks. wide, 3 ins. deep, course T.:

Draw, 5 lks. wide, course W., at base of 40-foot

base of 150-foot descent.

T. 12 E., R. 1 F.

Chains.

2.00

5.00 11.15

11.85 15.00

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base of 150-foot descent.
Old road, bears E. and T.
Pegin ascent of rocky hill, dotted with scattering cedar and mountain mahogany trush.
Draw, 5 lks. wide, course C. T.
Drag trail, tears E. 70° E. and S. W., on top of spur, 680 ft. above brook.
Head of draw, course C. 70° W.
Set limestone 22x10x8 ins., 12 ins. in ground for i sec. corner, marked 1 on W. face, and build mound of atone, 3 ft. base, E ft. high, W. of corner, from which:

A cedar, 6 ins. diam., bears W. 50°15' E., 68
18.55
35.05
37.00
40.00
                     corner, from which:

A cedar, 6 ins. diam., bears 7. 50°15' E., 68

lks. dist., marked 8 22 y T

A cedar, 14 ins. diam., bears 5. 18°30' W., 73

lks. dist., marked 18 21 E T

A bald butto bears 8. 59°11' E. about 4 miles distant. Center of Fast Street in town of Repail bears 8. 0°05' E., about 2 miles distant.

Top of ridge, bears 7. and 8. 730 ft. above last brook, begin descent. Leave cedar timber, enter oak and appleberry brush. bears 7. and 7.
42.50
                      oak and apploberry bruon, bears T. and T. Draw, 5 lks. wido, course T. T. Draw, 5 lks. wido, course F. 80° T.
57.00
60.45
                      Epring brook, 1 lk. wide, 1 in. deep, course T., at base of 600-foot descent; begin accent, bears T.
67.00
                                                   Loave oak brush, enter scattering codar
                             and W.
                             timber.
                      timber.
Set limestone 24x10x8 ins., 18 ins. in ground for corner of secs. 15 and 22, marked with 5 notenes on E. and S. faces, from which:

A ceder, 12 ins. diam., bears E. 77°30' E., 21 lks. dist., marked T 12 S R 1 E S 15 T T

A ceder, 10 ins. diam., bears 7. 57° E., 45 lks. dist., marked T 12 S R 1 E S 22 E T

and build mound of stone, 4 ft. base, 3 ft. high,
80.00
                             T. of corner.
te: This corner is made common to sees. 15 and
                             22 only; after line from west proves necessity of
                       closing cornor of secs. 16 and 21. Corner falls on W. and of ridge 600 ft. above
                             spring brook.
                       Land, mountainous.
                       Soil, rocky linestone, 4th rate.
Timber, scattering small cedar on C. clopes, scrub
                             oak and appleberry brush on E. slopes.
                       At this corner I set off 7°C3'45" S. on declination are and at 13m398 before noon, 1.m.t., observe
                             sun on meridian and obtain a reading of 39°46' on
                             latitudo arc.
                        From corner of secs. 15 and 22 I run
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PAYSON FOREST RESERVE BOUNDARY:

T. 12 S. R. 1 E.

15. through scattering cedar timber.

Begin abrupt descent, bears N. 60° W. and S. 60° E. and leave scattering cedar timber, bears E. and W. Chains 10.00 18.00 Base of 400-foot descent bears E, and W.; thence over rolling bench. Begin abrupt descent, bears E. and W. Brook, 5 lks. wide, 30 ins. deep, course W., small appen and maple trees in gulch; base of 300-foot 21.30 25.30 descent; begin abrupt ascent over nearly bare ridge dotted with mountain mahogany and sage brush. 36.00 Top of 500-foot ascent on steep W. slope of ridge, bearing to E. 38.00 Begin abrupt descent, boars E. and S. 20° W., through dense soruh oak brush. Point for true 1 sec. corner falls on slide rock, unsafe for setting of corner.

At a point 3 lks. N. of true point for 1 sec. corner I mark cross on limestone ledge in place 4x1x2 ft above ground, and W. C. 2 east of cross, for withese corner to 2 sec. corner on west boundary of sec. 40.00 40.03 Spring brook, 1 lk. wide, 1 in. deep, course W., base of 450 ft. descent; begin abrupt ascent of slide rock hill, covered with scattering manageny 44.00 and cedars 53.50 Top of 500-foot ascent on ridge, bears E. and W.; begin descent. Dase of 40-foot descent, at draw 8 lks. wide, course S. 70° W.; begin ascent.

Drag trail, bears N. E. and S. W.

Backbone of ridge, bears N. 70° E. and S. 70° W., continue ascent along steep W. slope.

Top of 250 ft. ascent on steep W. slope.

Begin abrupt descent, bears N. E. and S. 20° W.

Teaver continue ascent and seep W. and S. 20° W. 55.00 56.55 60.00 73.00 75.50 Loave scattering cedar timber, enter oak and appleberry brush. Wash, 5 lks. wide, course M. W. Sot limestone 20x12x8 ins., 15 ins. in the ground, for corner of secs. 10 and 15, marked 3 notches 78.00 80.00 on E. and 4 on S. faces, and build mound of stone, 4 ft. base, 3 ft. high, F. of corner. Note: Wound of stone placed east of corner and same made common to two sees., after line from west proves necessity of C. C. Land, mountainous. Soil, stony and limestone, slide rock, 4th rate. Timber, scattering codar and mountain mahogany brush on south slopes; scrub oak and apploherry brush on .N. slopos. October 11, 1904. October 12: Snow and cloudy, no work.
October 13: From corner of secs. 10 and 15 I run
N. 0°02' W. on true line along W. boundary of sec.
10. descending abruptly over rocky ground, through

dense scrub oak brush. Draw, 10 lks. wide, course W., at base of 550-foot 10.00 descent; begin abrupt ascent, and mahogany brush. Top of 400-foot ascent on ridge bears F. and W., sloping to w. on top.; begin descent through oak

16.90 brush. T. 12 S., R. 1 E.

1 00 .

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Chains.
24.70
               Draw, 10 lks. wide, course E. 70° E., base of 450-
               foot descent; begin ascent.
Top of 200-foot ascent on steep W. slope of spur.
32.00
              Wash, 8 lks. wide, course W.

Set limestone 20x12x6 ins., 15 ins. in the ground
for W. C. to 2 sec. corner on W. boundary of
sec. 10, marked W. C. 2 on F. face, and build
mound of stone, 3 ft. base, 2 ft. high, E. of corner; begin abrupt ascent up slide rock hill.

True point for 2 sec. corner falls in slide rock.
34.50
39.30
40.00
                   unsafe for corner.
                 on of 250-foot ascent on rock ledge, bears E. and W. Tw., 10 iks. wide, course F., base of 350-foot descent; begin abrut ascent.
45.60
58.50
               Top of 300-foot ascent on steep V. slide rock slope, thence along steep T. slope.
59.00
               Draw in 40-foot rock wall ravine, course N. 70° W.
66.00
69.50
               Draw, 10 lks. wide, in 80-foot rock wall ravine.
                   course ".
               Top of rocky ridge, hears T. and W.: begin gradual descent down steep W. slope of ridge spur. Falls on unnafe ground in slide rock.
72.85
80.00
               Set iron U. S. Forest Reserve Boundary Post No. 9.
80.20
                   30 ins. in ground and build mound of stone, 35
                   ft. base, I ft. high, around same for witness
                   corner to corner of secs. 3 and 10, marked:
                   W C on top of cap
                  T 12 S S 3 in M. E. quadrant
R 1 E S 10 " S. E. quadrant
RESERVE in M. E. and S. F. quadrants, with 5
notches on S. and 3 on T. faces, and build mound
               of stone, 4 ft. base, 2 ft. high, F. of corner. Note: Corner made common to sees. 3 and 10 only.
                   after line from west proves necessity of C. C.
               Land, mountainous.
               Soil, rocky and slide rock, limestone, 4th rate.
               Timber, occasional cedar, scrub cak and mahogany
                   brugh.
               One-quarter of the day cloudy.
                                                                        October 13, 1904.
                   tober 14: At the corner of secs. 3 and 10 I set off 39°48' on the latitude are and 8°06' S. on
               October 14:
                   declination are and at 8 a.m., a.s.t., establish
                   meridian with solar.
               Thence I run
               H. 0°02' W. on random line along W. boundary of
               Set stake for temporary 1 sec. corner.

Intersect E. boundary of Tp. 7.76 chs. E. of corner of secs. 33 and 34, at which intersection

I set iron U. S. Forest Reserve Foundary Post Ro. 8, 30 ins. in ground, for C. C. of secs. 3 and 4,
40.00
84.50
                   marked:
              marked:
0 C on top of cap, south of center
R 1 E S 3 in S. E. quadrant
T 12 S S 4 in S. W. quadrant
RESERVE in S. E. quadrant, with 3 notches on E.
and W. faces and build mound of stone, 3 ft. base,
1 ft. high, around post; mound of stone, 4 ft.
base, 3 ft. high, S. of corner.
Thence from this C. C. I run
S. 0°02° E. on true line between secs. 3 and 4,
ascending through dense oak brush.
Top of 60-foot ascent. on steep W. slope. begin de-
               Top of 60-foot ascent, on steep T. slope, begin de-
  1.80
                   scent.
               Old wood road bears I. 70° I. and S. 70° W., base
10.80
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of 80-foot descent.

PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 1 E.

manila e ge e ing	ا با داخر باد داد در موسدهدند سال شف از داد در
Chains. 11.70	Creek, 5 lks. wide, 5 ins. deep, course 5. 70° W.,
15.30	begin ascent. Top of 80-foot ascent; point of rocky riage bears E. and W.; begin descent.
20.00	Draw, 8 lks. wide, course T., base of 80-foot descent.
44.50	Set limestone 30x18x16 ins., 20 ins. in ground, for 2 sec. corner on W. boundary of sec. 3, marked 2 on E. face, from which: A vine maple, 4 ins. diam., bears S. E. 95 lks. dist., marked RES 2 S 3 B T and build mound of stone, 4 ft. base, 3 ft. high,
48.40 53.10 54.30 62.10 75.00 79.80 84.50	E. of corner. Willow Creek, 8 lks. wide, 8 ins. deep, course W. Old wood road, bears N. 80° W. and S. 80° E. Old creek bed, 20 lks. wide, course W. Begin ascent, bears N. E. and C. W. Top of 350-foot ascent, bears N. 20° E. and S. 10° W. Wash, 5 lks. wide, course W. Corner of secs. 3 and 10, or southwest corner of sec. 3 and northwest corner of sec. 10. Land, mountainous and rolling. Soil, stony, limestone and solid rock, 4th rate. Timber, scrub oak and mahogany brush.
40.00	At C. C. of secs. 3 and 4 on F. boundary of T. 12 S. R. 1 E., I set off 8°11' S. on doclination are and at 13m53° before noon 1.m.t., observe sun on the meridian and obtain a reading of 39°48'45" on latitude arc, which agrees with other data. From corner of secs 21, 22, 27 and 28, previously described I run West between secs. 21 and 28. At a point 4 lks. S. is evidence of hole having been dug and a scattered mound of stone lying T. of same, which in connection with corroborative evidence I accept as original position of leec. corner and at this point set Iron U. S. Forest Reserve Foundary Post No. 16, 30 ins. in ground and build mound of stone, 4 ft. base, 1 ft. high, around same for leec. corner/marked: \$\frac{1}{4}\$ S 28 on S. face RESERVE in F. E. quadrant, and build mound of stone, 4 ft. base, 3 ft. high, E. of corner. Thence from this corner I run
5.50	N. 89°57' E. on true retracement line between secs. 21 and 28, over relling rocky flat. Draw, 10 lks. wide, course N. 70° W. into flet line
7.50	of foot of mountain bears N. and C. 20° E. Lime kiln bears S. 50 lks. dist.
9.00	Same draw, course 2. 70° W.
11.00	Road bears N. 70° E. and S. 70° W.
15.56	Irrigation ditch 4 lbs. wide, 12 ins. deep (dry), course S. 70° W.
18.00	Brook, 4 lks. wide, 5 ins. deep, clear fresh water,
24.50	Begin ascent, bears N. 70° E. and C. 70° E. Enter dense oak and appleberry brush.
37.20 40.00	Wash, 3 lks. wide, course I. Corner of secs. 21, 22, 27 and 28. Thence from the 1 sec. corner between secs. 21 and
•	28, I run S. 89°57' W. on random retracement line between west halves of secs. 21 and 28.
40.00	No trace of old corner; set temporary corner.
10.00	Note: From this stake I run west, south and north

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PAYSON FOREST RESERVE BOUNDARY.

for one mile and find no trace of old corners, and no evidence further than that this point is on a line with center of lane to the west, and distances west frem here agree fairly well with present fences, most of which, from best evidence obtainable, have been set by county surveyor as no original monuments at position are in evidence I therefore accept his position as true point for

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T. 12 S., R. 1 E.

· Chains.

corner and set limostone 20x12x6 ins., 15 ins. in the ground for corner of secs. 20, 21, 28 and 29, marked 4 notches on E. and 2 on E. faces, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner. Thonce I run F. 89°57' E. on true retracement line between secs. 21 and 28, over gently rolling open valley. Fence bears F. and S.
At the 2 sec. corner between secs. 21 and 28. .73 Land, gently rolling. Soil, gravelly and sandy, 3rd and 4th rate. Timbor, none. October 14, 1904. From the corner of sees. 20, 21, 28 October 15: and 29. I run S. 89°37' W. down center of lane to west. 17.00 Fence E. and S. 20 lks., then E., enter lane, thouch down lane. Corner of fence 30 lks. N., bears N. and W., thonce 18.75 in road. Irrigation ditch, course C. 30°W. 20.45 Center of San Podro, Los Angeles and Calt Take R. R. track, bears N. 14°46' W. and S. 14°46' E., long tangent on R. end about 3 or 4 miles, about 26.80 2 chs. to f. curves to right. Cross fonce bearing M. 1°40' W. joins F. side of 38.90 land 30 lks. to N.
No trace of old corner.
Fence from N. joins N. sido of lane 30 lks. to N.
House bears N. 4.00 chs. dist. 40.00 59,65 67.00 Corner of fence, bearing E., A. and E. 40 lks. to E. 79.50 No trace of old corner. 80.00 From distunces above of cross fences and Note: corners of fences it would appear that corner of sees. 20, 21, 28 and 29 is about 50 lks. too far to west to fit majority of fences, but as the mile between sees. 21 and 28 is already 15 lks. shorter than reported, and as corner of sees. 20, 21, 28 and 29 is now west of I. and E. fonce ovidently intended for line fence, and as no fences can be accepted by evidence as correct (evidence being that county surveyor established same) I deem the present position of corner of secs. 20, 21, 28 and 29 in average and fair position from best information obtainable. No corners to west of line nor on Salt Lake Meridian are known to exist and oldest settlers state they are not prepared to certify to original positions of any of old corners in township.

Ho corners set on this mile, as same is merely run to show reamons for my notions. DANDOM DINES. From corner of secs. 20, 21, 28 and 29 I run
N. 0°03' W. on random line between secs. 20 and 21.
No trace of corner; set stake for temporary ½ corner.
No trace or evidence of old corner of secs. 16, 17, 40.00 80.00 20 and 21; sot stake for temporary corner.

PAYSON FOREST RESERVE BOUNDARY.

RANDOM LINES.

Thence I continue N. 0°03' W. between secs. 16 and . Chains ! 17. No trace of 4 corner; set stake for temporary 4 40.00 sec. corner. No trace or evidence of old corner of secs. 8, 9, 16 and 17; set stake for temporary corner. Thence I continue N. 0°03' W. between secs. 8 and 9 80.00 No trace of ! corner; set stake for temporary ! 40.00 sec. corner. No trace of evidence of old corner of secs. 4. 5. 8 80.00 and 9; set stake for temporary corner.

Thence I continue N. 0°03' W. between secs. 4 and 5.

No trace of ½ corner; set stake for temporary ½ 40.00 sec. corner. 82,82 Intersect H. boundaryof township 8.02 chs. E. of corner of secs. 32 and 33. The original notes call for lengths of 80.00 chs. between secs. 20 and 21, 16 and 17, 8 and 9; and 80.10 between secs. 3 and 4, which according to my measurement (82.82, 80.10) 2.72 chs. is by proportioning measurement of 4 miles gives 68 lks. long to the mile over original reported distance. tance, which distance agrees fairly well with present position of majority of E. and W. fences in valley to the west. The original notes between secs. 3 and 4 call for stake or post for corner of secs. 3 and 4, and same is written as true line north. The corner is not called a C.C., but owing to laws existing at that time and from fact that corner is called corner of secs. 3 and 4, the corner is called corner of secs. 3 and 4. the assumption is that original corner was a C. C., though no distance connecting it with or course to secs. 32 and 33 is given. te: In order to get some guide for position E. and W. of corners on lines between sees. 20 and 21, 16 and 17, 8 and 9, 3 and 4, I run random lines west between sees. 5 and 8, 8 and 17, 17 and 20 and arrange corners on a common straight and 20, and arrange corners on a common straight line to conform as nearly as possible with present existing conditions of fences in sections to the west, which gives a bearing of said north line of N. 0°06' % and notes follow accordingly the random lines west being written thereafter to show the conditions as my surveys leave them. T. 12 C., R. 1 E. From corner of secs. 20, 21, 28 and 29, I run
N. 0°06' W. on true line between secs. 20 and 21,
over level open valley land.
Wire fence, bears E. and W., joins N. and S. fence
60 lks. E. 21.67 Fence bears E. and I.; 20 lks. E. of line fence 38.92 joins from H.; 50 lks. E. of line fonce corners and turns to E.

Set limestone 18x14x10 ins., 12 ins. in ground, for 2 sec. corner, marked 1 on W. face, and dig pits 18x18x12 ins. deep N. and E. of corner, 5 ft. dist., and raise mound of stone covered with earth, 4 ft. base, 3 ft. high, W. of corner.

Fence bears F. and W.

Set limestone 20x1fx8 ins., 15 ins. in ground for 1/16 sec. corner, marked 1/16 on W. face and raise mound of stone, 4 ft. base, 3 ft. high, W. of corner. and turns to E. 40.34 58.70 60.51 of corner. Fence bears E. and W. Fence bears E. and W. 64.30 66.00 Wood road bears E. and W. 68.35 Irrigation ditch, 4 lks. wide, 8 ins. doep, course

69.40

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PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 1 E.

Chains. 79.35 Line of fence post bears I. and W., 20 lks. E. of line corners and turns N. Set sandstone 26x12x7 ins., 18 ins. in ground, for ". C. to corner of secs. 16, 17, 20 and 21, 28 lks. S. of true point, marked W. C. on S. face, 4 notches on F. and 3 on S. faces, and raise mound of stone, 4 ft. base, 3 ft. high, W. of 80.40 corner. 80.68 Point for true corner falls in flat wash, 10 lks. wide, course S. W. Land, gently rolling. Soil, gravelly and sandy, 3rd and 4th rate. Timber, none. October 15. 1904. Random Check Line. tober 17: From true point for corner of secs. 16, 17, 20 and 21, which is 28 lks. H. of W. C., October 17: I run S. 89°40' W. between sees. 17 and 20, parallel with line of fence to the W. Fonce M. and S. at 20 lks. S. corners and turns W. Machine house W. 4 lks. dist.
Fence bears M. and S. 30 lks. S. corners and turns E. Road bears M. and S.
Fence bears M. and S.; fonce from W. joins at 30 22.50 23.00 28.50 29.50 30.20 Dks. S. House bears N. 2% chs. Fence bears N. 14°46' W. and S. 14°46' E.; enter 33.00 47.50 railroad right of way.
Center of S. . L.A. & S.L. R. R. track, bears
T. 14°46' W. and C. 14°46' E.
Fence bears N. 14°46' W. and S. 14°46' E. Lea 47.90 48.32 E. R. right of way, enter field; fence from W. joins 20 lks. S. 30 lks. S. is corner of fence bearing 17. 89°40' E. and H. 0°30' W. No evidence of old corner. Land, level. 80.05 Soil, oub-gravelly and sandy loam, and and 3rd rate. Timber, none. October 17, 1904. T. 12 S., R. 1 E. October 19: From true point for corner of secs. 16, 17, 20 and 21, which is 28 lks. H. of W. C. I min East on true line between seep. 16 and 21, over rolling rocky prairie, gently sloping W. Note: From monsurements previously shown on E. and W. boundarys of sec. 21 it is evident that this line will fall out of limits on E. and I therefore run directly as true line. Irrigation ditch, 3 lks. wide, 8 ins. deep, course 20.15 Set linestone 26x18x8 ins., 18 ins. in the ground for 1 sec. corner, marked 1 on N. side, and 40.10 build mound of stone, 4 ft. base, 3 ft. high, N. of corner. Begin ascent, bears N. 20° E. and S. 20° W.; enter 46.00 scattering cedar timber.

Drag trail, bears N. 20° E. and S. 20° W.
Intersect N. and E. see: line 69 lks. N. of comer 77.15 80.20 of secs. 15 and 22, at which intersection I set

limestone 20x12x6 ins., 15 ins. in ground, for

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PAYSON FOREST RECERVE BOUNDARY.

T. 12 S., R. 1 E.

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C. C. of secs. 16 and 21, marked C. C. on W. face with 3 notches on S. and W. faces, from which:
A codar, 12 ins. diam., bears H. 48° W., 18
1ks. dist., marked C C T 12 S R 1 F E 16
Chains,
                        A codar, 6 inc. diam., boars S. 23°45' W.,
lkp. dist., marked C C T 12 S R 1 E S
               Corner falls on W. end of ridge 1000 ft. above val-
                  loy to the west.
               Land, gently rolling and mountainous.
               Soil, gravelly and sandy and rocky, 4th rate.
               Timber, codar, scattering.
                                                                       October 19, 1904.
               October 17: From true point for corner of secs.
                   16, 17, 20 and 21, which is 78 1kp. N. of W. C.,
                   I min
               N. 0°06' W. on true line between secs. 16 and 17,
                  over rolling rocky prairie land.
              Draw, 5 lks. wide, course w.

Est limestone lexically ins., 12 ins. in ground. a 1/16 sec. corner, marked 1/16 on w., and build mound of stone, 5 ft. lase, 2g ft. high, w. of corner. Four lks. H. of corner is limestone boulder 8x8x3 ft. above ground.
13.90
20,17
               Set limestone 20x12x8 ins., 15 ins. in ground, for 2 sec. corner, marked 1 on W. face, and build mound of stone, 3 ft. base, 2 ft. high, W. of
40.34
               Draw 8 lbs. wide, course I.
Cot likestone 26ml6ml2 inc., 18 inc. in ground for
59.50
80.68
                  corner of sees. 6, 9, 16 and 17, marked with 4 notches on I. and W. faces, and build mound of stone, 3 fb. base, 2 ft. high, L. of corner.
               Land, gently rolling.
Soil, rocky and gravelly, 4th roto.
               Tirber, none.
                                     Random Check Line.
               From corner of sees. 8, 9, 16 and 17, I run s. 89°37' W. parallel to line of fonce to the west.
               over nearly lovel prairie valley.

Fence bears T. D. and C. W.; enter field.

Fence bears T. and C.
 7.60
13.40
               Roud boars I. and f.
23.00
               Fence bears H. and C.
37.70
               Tolephono line boars H. and C.
39.85
               Ro trace of old ! sec. corner.
Fonce bears ". and ".
Fonce bears ". and ".: fence from ". Joins 40 lks.E.
Fence bears ". and ".
40.00
40.15
45.60
68.30
              Center of S.P., E./. & C.B. R. R. track bears
R. 14°46' W. and S. 14°46' E.
Fence bears N. 14°46' H. and C. 14°46' E.
Enter swamp bears H. and S.
Fence bears H. and S. He evidence of old corner.
Land, level.
Soil, candy loam, 2nd and 3rd rate.
Timber nore.
69.02
69.50
77.50
80.45
               Timbor, none.
               One-half day snow and cloudy.
                                                                        October 17, 1904.
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PAYSON FOREST RESURVE BOUNDARY.

T. 12 S., R. 1 E.

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October 18: From corner of secs. 8, 9, 16 and 17
. Chains
                       Fast on true line between secs. 9 and 16. over gently rolling rocky prairie, gradually ascending Set limestone 18x12x8 ins., 12 ins. in ground, for 2 sec. corner, marked ; on N. face, and build mound of stone, 3 ft. base, 2, ft. high, N. of corner; pits impracticable.
   40.15
                      corner; pits impracticable.

Begin abrupt ascent. bears N. 20° E. and S. 20° W.

Enter scrub oak and appleberry brush.

Stoep side hill draw, course N. W.

Intersect N. and S. scc. line 133 lks. N. of corner of secs. 10 and 15, at which intersection I set limestone 22x18x8 ins., 16 ins. in the ground for C. C. of secs. 9 and 16, marked C. C. on W. face.

4 notches on S. and 3 on W. faces, and build mound of stone, 3 ft. base, 2½ ft. high, W. of corner; pits impracticable. Corner falls on N. W. slope of spur 1200 ft. above valley below.

Land. rolling and mountainous.
   48.00
   60.00
   75.40
   80.30
                       Land, rolling and mountainous. Soil, rocky, 4th rate.
                        Timber, none.
                                                                                                     October 18. 1904.
                        October 15: From corner of secs. 8, 9, 16 and 17,
                             I run
                        R. 0°06' W. on true line between sees. 8 and 9,
                       over rolling open valley land. Fence bears H. F. and C. W.
   10.00
                        Irrigation ditch, 2 lks. wide, 2 ins. deep, course
   39.70
                        Fence bears E. and T.
Set limestone 20x12x8 ins., 15 ins. in ground, for 1 sec. corner and dig pits 18x18x12 ins. deep N. and E. of corner, 5 ft. dist.; raise mound of earth and stone, 3 it. base, 2 ft. high, W. of
   39.90
   40.34
                              corner.
                        Old ditch, 8 lks. wide, 5-foot banks, course S. W.
   51.20
                        Wash, 5 lks. wide, course S. W.
Wash, 5 lks. wide, course S. W.
Set limestone 22x14x10 ins., 16 Ins. in ground,
for corner of secs. 4, 5, 8 and 9, marked 4
notches on E. and 5 on S. faces, and build mound
   64.00
   67.00
   80.68
                             of stone, 4 ft. base, 3 ft. high, W. of corner.
                        Land, gently rolling.
                         Soil, gravelly and rocky. 3rd and 4th rate.
                         Timber, none.
                                                                                                      October 15, 1904.
                         Octobor 14: From corner of secs. 4, 5, 8 and 9,
                        Trun
East on true line between secs. 4 and 9 over gently rolling prairie land.
Wash, 5 lks. wide, course S. W.
Old ditch, 8 lks. wide, 4 ft. banks, course S. W.
Wash, 8 lks. wide, course S. W.
Wash, 8 lks. wide, course S. W.
Set limestone lexlers ins., 18 ins. in the ground for 4 sec. corner, marked 4 on N. face and build mound of stone, 5 ft. base, 2 ft. high, N. of corner: pits impracticable.
                              I run
    12.20
    29.20
    32.60
    39.65
    40.223
                        corner; pits impracticable.
Rocky wash, 10 lks. wide, course S. W.
Irrigation ditch, 4 lks. wide, 4 ins. deep, course
     43.50
    47.60
                         Rocky wash, 10 lks. wide, course S. W. Old road, bears N. 20° E. and S. 20° W. Begin ascent, bears H. 20° E. and S. 20° W.
     51.60
     52,70
     55.00
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Ascend becomes more abrupts; enter scrub oak brush.

69.00

T. 12 S., R. 1 E.

Chains. Intersect E. and C. sec. line 210 lks. E. of true point for corner of sees. 3 and 10, which latter is 20 lks. South of C. C., at which intersection I set limestone 18x12x8 ins., 12 ins. in ground, for C. C. of sees. 4 and 9, marked C. C. on W. 80.45 face, with 5 notches on f. and 3 on W. faces, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner. Corner falls on W. slope 1000 ft. above valley to ". Land, rolling end mountainous. Soil, rocky and gravelly, 4th rate. Timber, scrub oak brush on east end of mile. Hote: This line between sees. 4 and 5 was simply run to ascertain distance by which proportion was made and from corner of secs. 4, 5, 8 and 9 is 80.78 chs. He corners were set thereon, as it does not otherwise affect my survey. October 14. 1904. October 18: From the | sec. corner between secs. 9 and 16 I run
N. 0°04' %. on random line through conter of sec. 9. Set temporary stake for center of sec. 9 Intersect R. boundary of sec. 9 at the 3 sec. corner 40.34 80.74 botwoon sees. 4 and 9. Thence I run

2. 0°04' E. on true line through center of sec. 9, over relling rocky prairie land. Irrigation ditch (ctone lined), 8 lks. wide, 1 ft. 11.65 deep, course C. T. Druw, 10 lks. wide, course ". 16.40 Sot stake for temporary center corner on true W. 40.37 and C. line. The & sec. corner between secs. 9 and 16. 80.74 Land, rolling. Coil, gravelly and rocky, 4th rate. Timbor, none. Octobor 18, 1904. From the | see, corner between sees. October 19: 8 and 9 I min East on true line through center of sec. 9, over Cently rolling prairie.
Corner of fence 40 lks. f. of line bears f.W. and W.
Irrigation ditch, 5 lks. wide, 1 ft. doop, course 15.40 15.61 Old road bears P. F. and F. V.; leave flat legin gradual accent bears F. and F. 30° W.
Intersect true F. and F. center line 1 lk. south of stake at half-way point, at which intersection I set iron U. S. Forest Lecervo Foundary Post Ho. 11, 32 ins. in ground and build mound of stone, 3 ft. base, 1 ft. high, around same for center of sec. 9, marked:
Center Sec. 9, around bevoled rim of cap.
RESERVE in C. E. quadrant, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner.
Bogin abrupt ascent, bears F. and S., over slide rock and enter out brush.
Intersect R. and S. sec. line 180 lks. R. of true 18.10 40.20 64.50 Intersect R. and S. sec. line 180 lks. R. of true point for a sec. corner on W. boundary of sec. 10, which latter is 70 lks. R. of W. C. The above intersection falls on ateopside of pin-80.40 naclo rock; impossible to set corner at intersection; therefore at, 20 lks. W. of true point. Sot iron W. S. Forest Reserve Poundary Post No. 10, 80.20

30 ins. in ground for W. C. C. C. bon E. boun-

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PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 1 E.

dary sec. 9, marked:
W C C C on top of cap, west of center
T 12 S S 1 E 2 S 9 around beveled odge of cap. Chains. on W. side, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner. Land, rolling and mountainous. Soil, rocky and gravelly, 4th rate. Timber, scrub oak brush on east end of mile. From the 1/2 sec. corner between secs. 9 and 16, I run S. 0°04' E. through center of sec. 16, over rolling rocky prairie. Set stake for temporary center corner of sec. 16. Set stake for temporary beec corner. Intersect the beec corner between secs. 16 and 40.34 60.51 80.70 21. Thence I run
N. 0°04' W. through center of sec. 16 on true line, over rolling rocky prairie. Irrigation ditch, 3 lks. wide, 3 ins. deep, course 9.00 Wood road, bears E. and W.
Draw, 10 lks. wide, 12 ft. banks, course S. 70° W.
Set iron U. S. Forest Reserve Boundary Post No. 12,
24 ins. in ground and build mound of stone, 5 ft. 11.40 16.30 20.17品 base, 13 ft. high, around same for 1/16 sec. corner sec. 16, marked 1/16 S. 16 on beveled edge of cap on W. face;
RESERVE in N.E., S.E. and S.W. quadrants.

Draw, 5 lks. wide, course W. 80° W.

Set limestone 26x6x5 ins. in ground for center & sec. corner, marked C. & on W. face, and build mound of stone, 4 ft. base, 3 ft. high, W. of 39.10 40.35 corner; pits impracticable. Swail draw, course N. 80° W. The 1 sec. corner between secs. 9 and 16. 75.20 80.70 Land, rolling, rocky prairie. Soil, rocky and gravelly, 4th rate. Timbor, none. From the 1/16 sec. corner on ". boundary of E. W. of sec. 16, I run East on random line through center of S. W. 1 of sec. Set stake for temporary 1/4 sec. corner.
Intersect the 1/16 sec. corner on center line of 20.10 40.12 sec. 16, iron post No. 12. Thence from this | sec. corner I run West on true line through center of C. W. 1 of sec. 16.
Set iron J. S. Forest Reserve Boundary Post No. 13, 24 ins. in ground, for 1/16 sec. corner in center of S. W. 1 of sec. 16, marked:
1/16 in N. W. quadrant
RESERVE in S. E. quadrant, and build mound of stone, 4 ft. base, 11 ft. high, around post; mound of stone, 4 ft. high; N. 20.06 of corner. 5 1kg. wido, course S. 60° W. Wash, 5 1ks. wide, course S. 60° W. The 1/16 sec. corner on W. side of S. W. 1/2 of sec. 28.50 40.12 16. October 19, 1904. October 20: From 1 sec. cornor between secs. 16 and 21 I run S. 0°04' E. on random line through center of sec. 21.

Set stake for temporary 1/4 sec. corner.

20.17

Volume # R0329

Note: In setting the numerous corners of this reserve.

I failed to take the bearing and distance between corners Nos. 13 and 14, which are intervisible and over level prairie.

J. P. Walker.

iji

T. 12 C., T. 1 E.

Chains. Set stake for temporary center of sec. 21.
Intersect C. boundary of section, 10 lks. E. of the 2 sec. corner between secs. 21 and 28.
Thence from the 1 sec. corner between secs. 21 and 28, which is iron post No. 16, I run
North on true line through center of sec. 21, over 40.34 80.64 rolling prairie land. Draw 10 lks. wide, course T., into flat. Draw, 5 lks. wide, course W., into flat, thence 28.40 39.20 along steep W. slope of mountain near foot. Set limestone 20x12x6 ins., 15 ins. in ground, for center of sec. 21, marked C. & on W. face, and build mound of stone, 4 ft. base, 5 ft. high, W. 40.32 of cornor Base of hill bears M. 10° W. and S. 10° W.; reenter 47.60 gently rolling prairie. Draw, 5 lks. wide, course 9. 70° W. 57.30 59.40 Old fonce bears I. and I. 60.48 Set iron U. S. Forest Reserve Boundary Post No. 15, 24 ins. in ground for 1/16 sec. corner, and build mound of stone, 4 ft. base, 1/2ft. high, around same, marked 1/16 S. 21 in W. W. quadrant; RESERVE in W. W., W. D. and S. E. quadrants; mound of stone 4 x 5 ft. W. of corner.

The 1 sec. corner between secs. 16 and 21. 80.64 hand, rolling. Soil, rocky prairie. Timber, none. From the 1/16 sec. corner on West boundary of W. W. 1 of sec. 21 I run

East on random line through center of W. W. 2 of sec. 21. Set stake for temporary 1/16 see. corner. Intersect 7. and 7. line through center of sec. at 20.05 40.11 the 1/16 sec. corner, post 15. Thence I min West on true line through center of W. W. I see. of sec. 21, over sage covered prairie. Set iron V. C. Forest Reserve Foundary Post Vo. 14, 20.05 24 ins. in ground and build mound of stone, 4 ft. base, 1: ft. high, around same for 1/16 sec. conner, at conter of ". W. : of sec. 21, marked: 1/16 E 21 in W. W. quadrant
RESTRUE in F. D. quadrant, and build mound of stone, 4: ft. base, 3 ft. high, H. of corner.
Old road, bears F. E. and F. W. 27.80 Fence, bears . and C.
The 1/16 sec- corner on W. side of the E. W. Fof 40.05 40.11 sec. 21. October 20, 1904. October 21: From corner of secs. 21, 22, 27 and 28, previously described, I run East on a random retracement line between sees. 22 and 27. Intersect N. and C. 1 sec. line 41 lks. N. of 1 sec. corner, which is a limestone 14x6x8 ins. above 40.90 ground, marked on I. face, as described in notes of General Land Office. I build mound of stone, 3 ft. base, 2 ft. high, T. of corner. Thence I run N. 89°25' W. on true retracement line between sees. 22 and 27, descending through oak and appleberry brush. Draw, 10 lks. wide, course T. 30° W., base of 150-16.40 foot descent. 21.00 Side hill draw, course T. 20° W.; begin ascent along T. 12 H., R. 1 E.

Chaine steep D. slope 26.40 Top of 50-foot ascent, bears R. 80° W. and S. 80° E. Corner of sees. 21, 22, 27 and 28. 40.90 Thence from 2 sec. corner between sees. 22 and 27 I run East on random betracement line between east halves of secs. 22 and 27, agending.
Intersect I. and S. sec. line 19 lks. S. of corner of secs. 22, 23, 26 and 27, which is a limestone limital ins. above ground, correctly marked as described in notes of General Land Office, wit-39.80 which I rebuild to 4 ft. base, 3 ft. high.

At a point 9 lks. cast of this corner I set iron

U. S. Forest Reserve Boundary Fost No. 18, 30 ins.

in ground and build mound of stone, 4 ft. base,

1 ft. high, around same for witness corner to

corner of sees. 22, 23, 26 and 27, marked:

T. C. on top of car. T. C on top of cap S 23 in E. L. aundrant TILS RIE R 1 E S 26 in S. B. quadrant S 27 in S. W. quadrant S 22 in W. T. quadrant RECERVE in M. W. and H. B. quadranto, with 2 notches on f. and E. sidos. Thence I run S. 89°44' N. on true retrucement line letween secs. 22 and 27, demonstrate through electors of oak bruch. Hend of draw, course S. W., lase of 1000 ft. descent, thence along S. slere of spur.
Top of ridge bours T. 70° D. and S. 70° W.; begin 10.80 18.80 descent. The 1 sec. corner between sees. 22 and 27. 39.00 Land, mountainous. Soil, rooky and pravelly, 4th rate. Timber, sorub ouk and appleborry brush. At the corner of coos. 22, 23, 26 and 27, I not of: 10°44'16" 5. on declination are and at 15^m160 tefore neon, 1.m.t., observe our on scriding and obtain a reading of 39°45' on latitude are.

From corner of coos. 22, 23, 26 and 27 proviously described, I run

Front on a readom reference 34. net off East on a random retracement line between coos. 23 and 26, according. Intersect N. and C. h sec. line 10 lks. C. of h sec. corner between secs. 23 and 26, which is a limestone 15x10x6 inc., being marked how. In ground in original position and build mound of stone, 3h ft. base, 2h ft. high, N. of corner.

Thence from this here, coiner I run S. 89°51' N. on true retracement line between went halven of secs. 23 and 25, descending through 41.20 went halven of sees. 23 and 25, descending through onk bruch. Draw. 5 lks. wido, course f. W., base of 200 ft. doscont, bears E. 20° E. and E. 20° W., thence 9.20 nlong stoop C. slope of ridge.
Top of ridge bears F. E. and F. F., begin descent.
Boundary Post No. 18. 38,70 41.11 The corner of seco. 22, 23, 26 and 27. 41.20 Thence from the 1 sec. corner between secs. 23 and 46 Fast on random retracement line between east halves of secs. 23 and 26, ascending through denve oak

Intersect W. and C. acc. line 17 lks. S. of corner

40.20

T. 12 S., R. 1 E.

Chains	of secs. 23, 24, 25 and 26, which is a limestone 10x8x10 ins., above ground, correctly marked with 1 noteh on E. and 2 on S. faces, and build mound of stone, 3½ ft. base, 2½ ft. high, W. of corner.
.60 4.50 6.90 20.20 27.60 3	Note: As corner falls in obscure place I set iron post on next mile to the east. Thence from corner of secs. 23, 24, 25 and 26 I run S. 89°45' W. on true retracement line, between secs. 23 and 26. Draw, 10 lks. wide, course S. Draw, 10 lks. wide, course S. Draw, 10 lks. wide, course S. Cross backbone of spur and continue gradual ascent along S. slope of ridge. Head of draw, course S. 20° E. Top of 500-foot ascent on ridge, bears N. 60° E. and S. 60° W. Begin descent. The 1 sec. corner between secs. 23 and 26, 150 ft. below top of ridge. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, scrub oak brush, very dense. October 21, 1904.
39.90	October 22: From corner of secs. 23, 24, 25 and 26, I run East on random retracement line between secs. 24 and 25. Intersect N. and S. I sec. line 20 lks. S. of 1 sec. corner, which is a limestone 10x6x5 ins., properly marked, but being undersize I replace
	with a limestone 18x12x3 ins., set 12 ins. in ground, for \$\frac{1}{2}\$ sec. corner marked \$\frac{1}{1}\$ on \$N\$. face, and build mound of stone \$3\frac{1}{2}\$ ft. base, \$2\frac{1}{2}\$ ft. high \$N\$. of corner. Thence from \$\frac{1}{2}\$ sec. corner between secs. 24 and 25 I run
9.90	S. 89°43' W. on true retracement line between west halves of secs. 24 and 25, descending. Draw, 5 lks. wide, course S. W., base of 200-foot
13.60	doscent, bears N. 30° E. and S. 30° W. Old road bears N. 30° E. and C. 30° W.
14.40 16.90	Dry branch, 10 lks. wide, course 5. 30° W. Pegin ascent, bears F. E. and C. W.
26.15 30.00	Side hill draw, 10 lks. wide, course S. Top of 90-foot ascent bears R. 70° E. and S. 70° W.; thence along S. slope.
33,4 0	Set iron U. S. Forest Reserve Boundary Post No. 19, 12 ins. in ground to rock and build mound of stone 6 ft. base, 3 ft. high, around same for marking of reserve boundary line, marked: RESERVE in H. W. and M. E. quadrants. On bare south slope of hill, thence descending, bears H. 80° W. and S. 80° E.
39.90	The corner of secs. 24, 25, 26 and 27. Thence from the 1 sec. corner between secs. 24 and 25 I run East on random retracement line between east halves of secs. 24 and 25.
40.20	Intersect N. and S. sec. line 9 lks. S. of corner of secs. 24 and 25 on E. boundary of township, which is a limestone 6x12x8 ins. above ground, marked with 4 notches on N. and 2 on S. faces, with small mound of stone on W., which I enlarge to 32 ft. base, 22 ft. high. Thence from corner of secs. 24 and 25 I run S. 89°52' W. on true retracement line between secs.
	24 and 25.

PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 1 E.

Chains. I set iron U. S. Forest Reserve Boundary Post No. 20, 30 ins. in the ground, and build mound of stone, 3 ft. base, 1 ft. high, around same for witness corner to corner of secs. 24 and 25, .09 W C on top of cap T 12 S S 25 in S. W. quadrant
R 1 E S 24 in M. W. quadrant
RESERVE in M. W., N. E. and S. E. quadrants, with
2 notches on S. and 4 on N. faces.
Draw 15 lks. wide, course S. 30° E., begin ascent.
Top of 400-foot ascent bears W. E. and S. 80° W.; 1.00 24.20 thence along steep E. slope.

Begin descent bears H. W. and S. 80° E. 26.00 40.20 The \frac{1}{4} sec. corner between secs. 24 and 25, 150 ft. below summit. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, dense scrub oak brush. At corner of secs. 24 and 25 on east boundary of township I set off ll°05'30" S. on declination are and at 15m25 before noon, l.m.t., observe sum on meridian and obtain a reading of 39°45' on latitude arc. T. 12 S., R. 2 E. From corner of secs. 24 and 25 on east boundary of T. 12 S., R. 1 E., I run South on random retracement line along E. boundary of sec. 25. The 4 sec. corner on W. boundary of sec. 30, T.12 S., R. 2 E., bears E. 77 lks. dist., which is a sandstone 24x16x10 ins., set 6 ins. in ground. I reset in original position 18 ins. in ground, marked 13.60 on E. face, from which:

An oak, 4 ins. diam., bears 2. 49° E., 49 lks.

dist., marked RES 1 2 30 B T Thence from this ! sec. corner I run N. 3º15' W. on true line along E. boundary of sec. 25, through dense oak brush. East end of ridge sloping to east Draw, 15 1ks. wide, course 9. 30° E.

Corner of secs. 24 and 25 on east boundary of
T. 12 S., R. 1 E.

From the 4 sec. corner on west boundary of sec. 30,
T. 12 S., R. 2 E., I run

South on random retresement line of sec. 4.60 12.10 13.60 South on random retracement line along W. boundary of south half of sec. 30, through dense oak brush. Intersect S. boundary of sec. 30 4 lks. east of the corner of secs. 30 and 31 on west boundary of T. 12 S., R. 2 F., which is a red sandstone 5x8x7 ins. above ground, marked 5 notches on N. and 1 on F. and build mound of stone 31 ft base 2 ft 40.05 on E. and build mound of stone 32 ft. base, 2 ft. high, E. of corner.

Thence from time corner of secs. 30 and 31 I run
N. 0°03' W. on true retracement line along W. boundary of sec. 30, gradually ascending through oak brush. The & sec. corner on west boundary of sec. 25 bears
W. 54 lks. dist., and is a red sandstone 6x6x5 ins.
above ground, marked on W. face; I build mound
of stone, 3 ft. base, 2 ft. high, W. of corner.
Top of ridge 100 ft. above sec. corner bears E. and 13.45 19.00 W.; begin descent... Swail draw course S. 70° E., at base of 150-foot

descent; bears N. 80° W. and S. 80° E.

26.50

PAYEON FOREST RESERVE BOUNDARY.

T. 12 S., R. 2 E.

Chains. 40.05 The ½ sec. corner on W. boundary of sec. 30. Land, hilly. Soil, gravelly and loam, 3rd and 4th rate. Timber, very dense scrub oak brush. October 22. 1904. October 23: At corner of secs. 30 and 31 on west boundaryof T. 12 F., E. 2 F., I set off 39°44' on latitude are and 11°21'30" S. on declination are and at 8 a.m., a.s.t., I run South on random retracement line along W. boundary of sec. 31.
Intersect - sec. line projected 3 lks. W. of the 1sec. corner on west boundary of sec. 31, which is 39.90 a sandstone 14x8x6 ins., properly set and marked, stone being cracked I replace with a sandstone 18x14x8 ins., set 12 ins. in ground for \$\frac{1}{2}\$ sec. corner, marked \$\frac{1}{2}\$ on \$\mathbb{E}\$. face, from which:

A cedar, 18 ins. diam., bears \$\mathbb{E}\$. 10°30' \$\mathbb{E}\$.

109 1ks. dist., marked \$\mathbb{E}\$ \$ 31 \$\mathbb{E}\$ \$\mathbb{E}\$. No other trees available; I dig pits 18x18x12 ins. deep R. and S. of corner, 3 ft. dist., and raise mound of earth, 2% ft. base, 2 ft. high, E. of corner; old pits in evidence and reopened. Thence from k sec. corner I run W. 0°03' W. on true retracement line along W. boundary of sec. 31, along W. slope of spur.

Corner of secs. 25 and 36 on E. boundary of T.12 S. 13.47 R. 1 E., bears W. 33 lks. dist., which is a limestone 4x12x5 ins., above ground, marked 5 notches on E. and 1 on S. sides, with mound of 33 lks. dist., which b notenes on E. and 1 on E. sides, with mound of stone on W. From the comner:

A cedar, 8 ins. diam., bears E. 32°30' W., 11
lks. dist., marked T 12 S R 1 E S 36 B T

Head of draw, course E. W. Begin ascent.

I set iron U. S. Forest Reserve Boundary Post No.
21, 30 ins. in the ground, and build mound of stone, 3½ ft. base, 1 ft. high, around same for witness corner of secs. 30 and 31, marked:

W C on top of cap 28.50 39.84 W C on top of cap T 12 S S 30 in N. D. quadrant
R 2 E S 31 in S. E. quadrant
RESERVE in N. E. and C. D. quadrants, with 5
notches on N. and 1 on F. faces. At corner of secs. 30 and 31 on West boundary of 39.90 T. 12 S., R. 2 E.

Thence from the 2 sec. corner on W. boundary of sec. 31. T. 12 S., R. 2 V., I run South on random retracement line along south half of west boundary of sec. 31. Intersect south boundary of F. 12 S., R. 2 E., 12 lks. E. of corner of Tps. 12 and 13 C., R. 2 F., which is a sandstone 6x10x6 ins. above ground, marked for C. C. from E., with 6 notches on E., and S. faces, C. C. on E. face.

(Notes of General Land Office do not state that this is a C. C. The rease line porth of hore is 2. 40.10 is a C. C. The range line north of here is, as my notes show a double line and as President's proclamation calls for W. boundary of Sec. 30 and 31, T. 12 S., R. 2 Z., I run this line, noting distances and fallings from this true line of corners marked for E. boundary of secs. 25 and 36, Thence from true C. C. I run

dary of sec. 31, over sage flat in Foote's Canyon.

1 set iron U. S. Forest Reserve Boundary Post No. 22,
24 ins. in ground, and build mound of stone. 4 ft.
base, 1½ ft. high, around same for witness cor-

N. 0°01' E. on true retracement line along ". boun-

PAYSON FOREST RESERVE BOUNDARY.

T. 12 E., R. 2 E.

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Chains. ner to closing corner of Tps. 12 and 13 S., R. 2 E., marked: W C C C on top of cap, cast of conter T 12 S S 31 in H. E. quadrant R 2 E S 6 in S. E. quadrant RESERVE in N. E. quadrant

Begin ascent, leave sage flat, enter dense oak brush, bears N. 30° E. and S. 30° W. Sec. corner on east boundary of sec. 36 bears W. 15 lks. dist., which is a limestone 6x8x8 ins., 6.00 13.80

31.80

40.10

68.03

107.38

set 2 ins. in ground, which I replace with a limestone 18x12x6 ins., set 6 ins. in shale limestone RXXXXXXXXXXXXXXX rock and build mound of stone, 25 ft. base, 1 ft. high, around same for 5 sec. corner, marked 5 on W. face, and build mound of stone, 2 ft. base, 2 ft. high, W. of 5

soc. corner.
Top of 400-foot accent, bears H. 20° E. and S. 20° W., on backbone of riage. The ! sec. corner on W. boundary of sec. 31. Land, mountainous. Soil, rocky, 4th rate.
Timber, scattering occasional cedar (no well defined line) and scrub oak brush.

At C. C. of Trs. 12 and 13 f., R. 2 T., I set off 11°26'30"Son declination are and at 15^m34° before noon, 1.m.t., observe sun on meridian and obtain a reading of 38°43'30" on latitude are.

GRIERAL PRECREPTION T. 12 S., R. 1 E.

East half of township is composed of summit and west and south slope of Tebo range of mountains, with maximum elevation of 6000 ft. above valley to west and is principally covered with small oak brush, mountain mehogeny and applicherry brush, with some scuttering cedar timber. The west half of tewnship is level valley, the 5th and 6th tiers of sections being largely under cultivation, being irrigated from atreams from mountains on east and from Calt Creek from the southeast. Lime kilns are being operated in secs. 28 and 33. Hean magnetic declination for township is 16°40'

South Boundary ". 12 C., R. 2 E.

From C. C. of Tps. 12 and 13 C., R. 2 E., at south-west corner of T. 12 C., E. 2 F., previously described, I run s. 89°45' E. on random retracement line between

secs. 6 and 31. Set stake for temporary 1 sec. corner, no trace of old a corner being found.

Intersect H. and E. soc. line 22 lks. N. of corner of secs. 5, 6, 31 and 32, which is a white granite 15x8x10 ins. self ins. in ground. I reset same stone 10 ins. in ground, marked correctly with 1 notch on W. and 5 on E. faces, and I build mound of stone. 3 ft. base, 2 ft. high, W. of corner. Thence from true corner of secs. 5, 6, 31 and 32, N. 89°38' W. on true retracement line between secs.

6 and 31, over rolling bench, through oak and sage brush. I set iron U. S. Forest Reserve Boundary Post Eo. .07 23, 30 ins. in ground, for ". C. to corner of

secs. 5. 6. 31 and 32 marked:

PAYSON FOREST RESERVE BOUTDARY

South Boundary T. 12 S. R. 2 R.

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Chains
              T 12 S S 32 in N. E. quadrant

R 2 E S 5 in S. E. quadrant

T 13 S S 6 in S. W. quadrant

S 31

In N. W. quadrant

RESERVE in N. W. and N. E. quadrants, with 1

notch on W. and 5 on E. sides, and build mound of stone, 4 ft. base, 1 ft. high, around post.

Begin descent, bears N. and S. base of 50-foot de-
                 W C on top of cap
  7.30
12.80
              Draw & 1kg. wide, course s. base of 50-foot de-
              Top of 120-foot ascent on ridge, bears Regard C.;
                            regin ascent.
31.30
                 begin descent.
39.81
              At the correct point for I sec. Comer by proportion-
                 al distance (original distances reported 40.27
                 and 68.03 respectively) I set granite 22x14x8 ins
                 15 line. in ground for a secur corner, marked a on T. dace and build mound of stone, 3 ft. base, 2
                 ft. high, N. of corner.
                                                              . base of 100-foot
              Draw. 8 1ks. wide, course S., base of 100-foot gradualdescent; begin ascent through dense oak
44.00
                 and some scattering cedar timber.
              Top: of 80-foot ascent: leave scattoring cedar tim-
51.30
              ber; begin descent on S. slope of ridge.

Draw, 5 lks. wide, heads 5.00 chs. N. of line, course

S.; base of 200-foot abrupt descent.

Build mound of stone, 3 ft. base, 2 ft. high, for

line marking on prominent summit; begin descent,

bears F. 20° E. and S. 20° W.

Draw, 8 lks. wide, in shaley limestone, course

S. 30° W.; base of 240-foot descent; begin abrupt
 60.80
 64.83
 71:80
                 ascent
              Top of 200-foot ascent, bears N. 20° E. and S.20° W
 78.80
              Begin descent; bears M. and S.
 81.30
              Draw, 6 1ks. wide, course 2. 30° W., base of 50-
 84.70
                  foot descent.
              Draw 8 1ks. wide, course S.; begin ascent.
 87.30
              Top of 50-foot ascent on S. slope of spur; begin
 90.30
                  descent.
               Draw 5 lks. wide, course 5. 30° W., base of 100-
 94.40
                  foot descent; begin uscent.
              Top of 50-foot ascent, bears II. and S.; begin descent
 96.30
                  over shaley hillside, dotted with clusters of
              Base of 300-foot descent, bears H. and S. Road bears H. 20° F. and S. 20° W. Wash, 15 lks. wide, in Footes Canyon, course S. 20° W.
                  oult brush.
104.50
105.00
107:00
               The C. C. of Tps 12 and 13 C., R. 2 E.
107.38
              Land, mountainous.
               Land, mountainous.

Soil, rocky and slatoy, 4th rate.

Timber, some sonttering cedar, scrub oak brush.

October 23, 1904.
               October 24: At the corner of secs. 5, 6, 51 and 32 I set off 39°43'30" on latitude arc and 11°42'30" on doclination arc, and at 8 a.m., a.s.t., estab-
                  lish; meridian with solar.
               Thonco I run
               7. 86°16' F. (reported bearing) on random retrace-
ment line between sees. 5 and 32.
Set stake for temporary sec. corner, no trace of
  41.35
                 Cold & corner found:
               Set stake for temporary corner of secs. 4. 5 and 33; no trace of old sec. corner found.
  82.70
               Thence I run
I. 89:50 E. on random retracement line between
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mecs. 4 and 33

PAYEON FOREST RESTRVE BOUNDARY.

South Toundary T. 12 S., R. 2 E.

Chains. Set stake; no trace of ½ corner found.

Intersect N. and C. sec. line 150 lks. S. of corner of secs. 3, 4, 33 and 34, which is a limestone conglomerate properly marked, but being in state of decomposition. I replace with a limestone 20x10x8 ins., set 15 ins. in ground for corner of secs. 3, 4, 33 and 34, marked 3 notches on E. and T. faces and hails mound of stone 4 ft. base 40.00 79,50 faces, and build mound of stone, 4 ft. base, thich is of corner. October 24, 1904. 5 ft. high, W. of corner. Note: Measurement of 2 miles is 50 lks. short of reported distance, or proportional measurement of 12 lks. short of reported distance to the 5 miles and from falling of 150 lks. S. in 2 miles, the true course is given a bearing differing by 75 lks. octablic 23ile.
Thence from corner of secs. 3, 4, 33 and 34, I run S. 89°18' %. on true retracement line between secs. 4 and 33, ascending through oak brush. 5.32 Top of 100-foot ascent, bears W. and S., begin descent. 5.32 Set iron U. S. Forest Reserve Poundary Post No. 25, 24 ins. in ground, for reserve boundary marking on prominent summit, marked: RESERVE in N. W. and N. E. quadrants, and build mound of stone, 32 ft. base, $\frac{1}{3}$ ft. high, around post. Draw, 8 lks. wide, course 5. W. 12.00 Draw, 5 lks. wide, course S.

Draw, 5 lks. wide, course S.

Draw, 10 lks. wide, course S. 30° W., base of 150-foot descent; legin ascent.

Set sandstone 22x12x10 ins., 15 ins. in ground, \(\frac{1}{4}\) sec. corner, marked \(\frac{1}{4}\) on N. face, and build mound of stone, 4 ft. base, 3 ft. high, N. of 20.00 32.75 39.87

Top of 100-foot ascent, bears H. E. and S. W.; begin descent bears H. 20° E. and S. 20° W. 43.00 descent bears H. 20° E. and S. 20° W.

Head of draw, course S. W.

Set a limestone 18x12x8 ins., 12 ins. in ground for corner of secs. 4, 5, 32 and 53, marked with 4 notches on E. and 2 on T. faces, from which:

A pine, 4 ins. diam., bears H. 66° E., 24 lks. dist., marked FES T 12 S R 2 E S 33 B T

An oak, 4 ins. diam., bears S. 10° W., 6 lks. dist., marked T 13 S R 2 E S 5 B T

No other trees available. 66.00 12 ins. in ground for 79.75

No other trees available. I build mound of stone, 4 ft. base, 2 ft. high, W. of corner. Land, mountainous.

October 25, 1904.

Soil, rocky and gravelly, 4th rate. Timber, some scattering cedar and dense oak brush.

corner

October 24: From corner of secs. 4, 5, 32 and 33,

S. 85°44' W. on true retracement line between secs. 5 and 32, descending. Draw, 10 1ks. wide, course S. W., base of 400-foot

2.00 descent; begin ascent along steen broken S. slope, bears T. E. and S. 70° W. 13.00

Top of 80-foot ascent bears F. 70° E. and S. 70° W., begin descent bears M. E. and C. W. Fonce bears M. 20° E. and S. 30° W., base of 250-22.20

foot descent; leave oak brush, enter bottom land, bears N. 20° E. and S. 30° W. Irrigation ditch, course S. 30° W.
Salt Creek, 50 lks. wide, 4 ft. banks, water 15 lks.
wide, 8 ins. deep, clear slightly saline water, 22.55 31.50

course S. 20° W. 34.00 House bears N. 1.50 chs. dist. PAYON FORFER RESIDER BOUNDARY.

300K

South Boundary T. 18 S., R. 2 E. Chains. Center of spur of Sam Pete Valley R. R. track bears S. 28°50' W. and curve of 5° to Difton W. end. 36:00 Fonce parallel to railroad.
Road bears T. 20° T. and C. 30° T.
True point for ' sec. somer falls in wagen track to 38.00 38.60 41.223 old salt diggings, which Lears .. 1.00 ch. dist. Set iron U. C. Forest Reserve Boundary Fost No. 24, 30 ins. in ground, for ". C. to | sec. cerner. 41.323 marked:
% C on top of cap
% S 32 on T. side
% S 5 on T. side
% S 5 on T. side
TESTRYE in I. V. and V. T. quadrants, and build
mound of stone, 3 ft. base, I ft. high, around
post; and mound of stone, 5 ft. base, 2 ft. high,
N. of corner. marked: Begin ascent over sendstone conglomèrate pinnacles, bears I. E. and P. I. 42.00 Top of 250-foot accent bears I. 80° D. and S., at 72,45 which point I build mound of stone, around cedar flag pole, 3 ft. lase, 2 ft. high, for line marking on prominent summit; thence over sage brush bench. Corner of secs. 5, 6, 31 and 32. 82.45 Land, mountainous. Soil, rocky, 4th rate. Timber; oak truch. October 24, 1904.

stober 26: At corner of secs. 3, 4, 33 and 34, I set off 39°43'30" on latitude are and 12°23' S.

October 26:

40.00

80.00

36.76

2.50

25.50

38.92

on declination are and establish meridien with solar at 8 a.m., a.s.t. Thence I run N. 89°40' E. on rendom retracement line between secs. 3 and 34. Set state for temporary bees corner; no trace of

old corner. Set stake for temporary corner of secs. 1, 3, 34 and

35; no trace of old corner.

(Old notes call for & cedar bearing trees; there are no cedar trees and no cylicate of any ever having existed within a redius of , mile.) Thence from this temporary stake I continue

N. 89°40' D. on random between secs. 2 and 35.

Intersect II. and II. 'sec. line 4.73 chc. N. of

'sec. corner, between secs. 2 and 35, which is a
sendstone conglomerate 18x6x3 ins., being insecurely

set and unshapely. I replace with a sandstone 26x8x4 ins., set 18 ins. in ground, farked i on H. face and enlarge old hound of stone ". of corner to 35 ft. bese, 25 ft. high. Thence from this sec. corner I run

H. 88°01' W. on true line between secs. 2 and 35, through dense out brush. Draw, 10 lks. wide, course T. 700 W.; begin ascent along steep T. slope of spur.
Top of 150-foot ascent on T. and of ridge, begin

Timber, dense oak brush.

descent. Set quartzite stone 18rlon8 ins., 10 ins. in ground.
for corner of secs. 2, 3, 34 and 55, marked 2 notches on N. and 4 on V., and build mound of stone,
32 it. base, 22 it. high, V. of corner.
Corner falls on V. slope 200 ft. below summit. Land, mountainous. Soil, rocky and gravelly, 4th rate.

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29.

PAYSON FOREST RESERVE BOUNDARY.

South Bdy. T. 12 S., R. 2 E.

1	The state of the s
Chains	At this corner I set off 12°28'30" S. on the de-
V	clination are and at 15 ^m 56 ^g before noon, 1.m.t.
ĺ	observe sun on meridian and obtain a reading of
	39°43'30" on the latitude arc.
ŀ	From corner of secs. 2, 3, 34 and 35 I run N. 88°01' W. on true retracement line between secs.
	3 and 34, descending through dense oak brush.
7.00	Draw, 10 1ks. wide, course H. 70° W.
9.50	Base of descent 200 ft. below sec. corner, bears
İ	N. 30° E. and S. W.
14.96	Set iron U. S. Forest Reserve Boundary Post No. 26,
	30 ins. in ground and build mound of stone 3½ ft. base, 1½ ft. high, around post for reserve boun-
	dary marking, marked RESERVE in N. W. and N. E.
I	quadrants.
15.10	Road, bears N. E. and S. W., in Hop Creek Canyon.
16.10	Hop Creek (dry) 20 lks. wide, 5 ft. banks, course
I	S. W.
18.00	Begin ascent, bears N. E. and S. W.
27.00	Top of 200-foot ascent on south point of spur, begin descent down south slope of spur.
33.00	Draw, 10 lks. wide, course S. 30° E., base of 50-
33.00	foot descent; begin ascent; enter scattering cedar
	timber, bears N. 30° W. and S. 30° E.
37.00	Top of 90-foot ascent bears N. and S.
38.92	Set limestone conglomerate 22x14x6 ins., 14 ins. in
	ground, for 4 sec. corner, marked 4 on N. face,
Į	and build mound of stone, 3 ft. base, 2 ft. high,
47.00	N. of corner. Draw, 10 lks. wide, course S. F., begin ascent.
55.00	Top of 150-foot ascent bears F. and S.
57.00	Begin descent, leave scattering timber, bears
000	W. 70° W. and S. 70° E.
62.50	Draw 8 1ks. wide, course S.; base of 100 ft. descent,
45 50	begin ascent. Top of 50-foot ascent, begin descent, bears H. and S.
65.50 69.50	Draw, 10 1ks. wide, course S.; base 50-foot descent
09.50	begin ascent.
73.00	Side hill wash, course S. E.
77.84	Corner of secs. 3, 4, 33 and 34.
	Land, mountainous.
	Soil, rocky and gravelly, sandstone, limestone and
	quartz pebbles, 4th rate. Timber, scattering cedar and oak brush.
	October 26, 1904.
	October 27: At the 1 sec. corner between secs. 2
	and 35 I set off 39°43'30" on latitude arc and 12°43'30" S. on declination arc and at 8 a.m.,
	a.s.t., establish meridian with solar.
	Thence I min
	East on random retracement line between east halves
	of secs. 2 and 35.
42.50	Intersect N. and S. sec. line 274 lks. S. Of Corner
	of secs. 1, 2, 35 and 36, which is a volcanic stone
	or basalt 8x6x6 ins. above ground, correctly marked with 5 notches on W. and 1 on E. faces,
	from which new witness trees:
	Am only 5 ing digm. hears N. 51°45' E., 75
	lks. dist., marked RES T 12 S R 2 E S 36
	RT

A maple, 10 ins. diam., bears S. 28°45' W., 138 lks. dist., marked T 13 S R 2 F S 2 B T

Thence from this corner I run
S. 86°19' W. on true retracement line between secs.
2 and 35, gradually descending through oak brush.
Side hill wash, 5 lks. wide, course E. 20° W.
Draw, 10 lks. wide, course S. 80° W.; base of descent. 350 ft. below sec. corner.

PAYSON FOREST RESERVE BOUNTARY.

South Boundary T. 12 S., R. 2 E.

Chains . 42.50	The 1 sec. corner between secs. 2 and 35, Tps. 12 and 13 S., R. 2 E. Land. mountainous. Soil. rocky and washed pebbles, 4th rate. Timber, oak and vine maple brush.	- 5
•	At the corner of secs. 1. 2. 35 and 36. I set off 12°49' S. on declination are and at 16m02's before noon, 1.m.t., observe sun on meridian, and obtain a reading of 39°43'30" on latitude are. At corner of secs. 1. 2. 35 and 36. Tps. 12 and 13 F., R 2 F., I set off 39°43'30" on latitude are and 12°50' S. on declination are, and at 1 o'clock p.m., a.s.t., establish meridian with solar. Thence I run	
	East on random retracoment line between secs. 1 and 36.	
40.00	Set stake for temporary } acc. corner; no trace of old corner.	
79.90	Intersect N. and S. range line 51 lks. S. of corner of Tps. 12 and 13 S., Rs. 2 and 3 E., which is a limestone 12x10x8 ins. above ground, marked with 6 notches on four edges, 13 S. on south, 12 S. on north, 3 E. on east, 2 F. on west faces, with mound of atono, which I enlarge to 3½ ft. base by 2½ ft. high, S. of corner.	
	Thonce I run S. 89°38' W. on true retracement line between secs.	
.07	l and 36. Sot iron U. S. Forest Reserve Boundary Post No. 28, 30 ins. in ground, and build mound of stone, 4 ft. base, la ft. high, around post, for W. C. to corner of Tps. 12 and 13 S., Rs. 2 and 3 E.,	
9.55	marked: T 12 S S 31 in N. E. quadrant R 3 E S 6 in S. E. quadrant T 13 S S 1 in S. W. quadrant R 2 E S 36 in N. W. quadrant W C on top of cap RESERVE in N. W. quadrant. Draw. 5 1ks. wido, course S.	
13.80	Old road bears W. W. and S. W. Old road, bears W. and S.; on spur W. and S.	
16.65 29.55	Old road bears T. W. and C. I.	
30.40 39.95	Draw, 10 lks. wide, course C. E.; begin ascent. Set white granite lGkl2x4 ins., 12 ins. in ground, for & sec. corner, marked & on N. face, from which: A maple, 8 ins. diam., bears S. 59°30° E., 110 lks. dist., marked & S 1 B T No other trees available; build mound of stone 3 ft. base, 2% ft. high, N. of corner.	
45.00	Top of 100-foot accent, bears E. and S.; divide between Water Conyon on E. and Hop Creek Canyon on E. W.	
55.00	On prominent summit set iron U. S. Forest Roserve Poundary Post No. 27, 24 ins. in ground, and build mound of stone, 5 ft. base, lift. high, around post, for reserve boundary line marking, marked: RESERVE in N. W. and R. E. quadrants.	
55.50 71. 50	Bogin descent, bears H. and C. D. Dray, 10 lks. wide, course H. 60° W.	
79.90	Rase of 350-foot descent. The corner of secs. 1, 2, 35 and 36. Land, mountainous.	
	Soil, black rocky limestone, 3rd rate. Timber, scrub oak and vine maple brush. October 27, 1904.	

PAYSON FOREST RESERVE BOUNDARY.

800K

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East Bay. T. 12 S., R. 2 E.

October 28: At the corner of Tps. 12 and 13 S., Rs. 2 and 3 E., I set off 39°43'30" on latitude arc and 13°03'45" Chains . S. on the declination are and establish meridian with the solar at 8 a.m., a.s.t. Thence I run North on random line between secs. 31 and 36, through dense oak brush. 40.00 Intersect E. and W. & sec. line 105 lks. E. of the 18x8x6 ins., set 4 ins. in ground. I reset 12 ins. in ground in original position, marked 1/2 on W. face, from which: An aspen 4 ins. diam., bears N. 55° E., 8 lks. dist., instead of N. 85° E., 10 lks., as reported, marked ½ S 31 B T An aspen, 5 ins. diam., bears N. 60° W., 20 1ks. dist., asxxepoxted instead of N. 62° K. 27 lks., as reported, marked 1 S 36 B T (These trees were originally marked on bark. I leave original marking and blaze under same and mark as noted). Thence from this 1 sec. corner I run S. 1°30' E. on true line between secs. 31 and 36, ascending through dense small aspen timber.

Top of 100-foot ascent on divide bears F. and W.,
between Water Canyon on south and Hop Creek Canyon on north, at which point I build mound of
stone, 3 ft. base, 2 ft. high, for line marking.

Leave aspen timber, enter oak brush, bears E. and . 8.00 Begin descent bears E. and S. 60° W. Road, bears N. 80° E. and S. 80° W. Draw, 5 lks. wide, course S. E., base of 300-foot 10.00 13.20 39.00 descent. Corner of Tps. 12 and 13 S., Rs. 2 and 3 E. Note: In the random line running north I intersect 40.00 Note: old flag stake set by former surveyor at 32.00 chs. N. of Tp. corner. There is no brush cut north of this point and the k was evidently not set with instrument. Assuming therefore that he carried a correct line north by lining rod on next hill, looking over the aspen timber, I proceed as follows.

From Esec. corner between secs. 31 and 36 I run

N. 1°30' E. on random retracement line.

Intersect E. and W. sec. line 29 lks. E. of corner of secs. 25, 30, 31 and 36, which is a quartzite stone loxlox8 ins. above ground, correctly marked with 5 notches on N. and l on S. faces, from which new witness trees: 40.14 which new witness trees: An aspen 5 ins. diam., bears S. 12° E., 8 lks. dist., marked T 12 S R 3 E S 31 B T

An aspen, 6 ins. diam., bears S. 59° W., 7 lks. dist., marked RES T 12 S R 2 E S 36 B T

An aspen, 5 ins. diam., bears N. 64° W., 31 lks. dist., marked RES T 12 S R 2 E S 25 No other trees; I build mound of stone, 4 ft. base, 31 ft. high, W. of corner. Thence from true corner of secs. 25, 30, 31 and S. 1°05' W. on true retracement line through aspen timber, ascending. Set iron U. S. Forest Reserve Boundary Post No. 29, .06 20 ins. in ground to rock and build mound of stone, $4\frac{1}{8}$ ft. base, 2 ft. high, around same for witness corner to corner of secs. 25, 30, 31 and

36. marked:

W C on top of cap

T 12 S S 30 in N. E. quadrant

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PAYSON FOREST RESERVE BOUNDARY.

E. Bdy. T. 12 S., R. 2 E.

Chains.	R 3 E S 31 in S. E. quadrant S 36 in S. W. quadrant R 2 E S 25 in N. W. quadrant
	RESERVE in H. W. and S. W. quadrants.
6.00	Muddy seap, drains to M. 10° W.
9.50	Spring bears W. 25 chs., drains to K.; water sinks.
10.50	Trail bears N. 70° W. and S. 70° E. and forks to
	S. 10° W.
18.00	Leave aspen thicket, enter scattering fir timber,
	bears F. and W.
25.00	Leave fir timber, enter aspen thicket, bears E. and
20.00	W.
31.00	Trail bears N. 10° W. and S. E.
40.14	The $\frac{1}{4}$ sec. corner between secs. 31 and 36, on
	N. E. slope, 600 ft. above sec. corner.
	Land, rolling and mountainous.
	Soil, black limestone and rocky, 3rd and 4th rate.
	Timber, scattering fir on H. slope, aspen and oak
	brush.
	DI UDIII
	From corner of secs. 25, 30, 31 and 36, I run
	North on random retracement line between secs. 25
	and 30.
40.15	Intersect E. and W. $\frac{1}{4}$ sec. line 8 lks. E. of the
20120	½ sec. corner, which is a limestone 10x4x8 ins.
	above ground correctly marked ton W. face: T
	above ground, correctly marked & on W. face; I build mound of stone 3 ft. base, 2 ft. high, W.
	of corner.
	Thence from this ½ sec. corner I run
	S. 0°07' E. on true retracement line between south
	halves of secs. 25 and 30, ascending through dense
	oak brush.
8.00	Top of 100-foot ascent bears H. 80° W. and S.80° E.
9.50	West rocky point of ridge, begin descent, bears
3.00	S. E. and breaks off to W.
13.50	Draw, 10 1ks. wide, course N. W., base of 50-foot
10.00	descent; begin ascent.
37.00	Leave scrub oak brush, enter aspen thicket (small
57.00	timber) bears N. E. and S. 70° W.
40.00	Trail bears N. 20° E. and S. 10° W. in wash, 3
40.00	lks. wide, course N. 20° W.
40.15	The corner of secs. 25, 30, 31 and 36.
-20 • TO	At the 4 corner between secs. 25 and 30 I set off
	13°29'15" S. on declination are and at 16 ^m 12 ^g
	before noon, 1.m.t., observe sun on meridian and
	obtain reading of 39°44'30" on latitude are.
	Thence from the 4 sec. corner I run
	North on random retracement line between north halves
	of secs. 25 and 30.
40.10	Intersect E. and W. sec. line 23 lks. E. of corner
20120	of secs. 19, 24, 25 and 30, which is a sandstone
	18x10x3 ins. lying on top of ground in small mound
	of stone, properly marked. As there is flaw in
	stone I replace in original position a sandstone
	(cement) 32x12x5 ins., set 20 ins. in ground,
	marked 2 notches on S. and 4 on N. faces, from
	which a new bearing tree:
	A mahogany, 5 ins. diam., bears S. 12° W., 19
	1ks. dist., marked RES T 12 S R 2 E S 25
	ВТ
	No other trees available: I build mound of stone,
	4 ft. base, 2½ ft. high, W. of corner.
	Thence from corner I run
	S. 0°20' E. on true retracement line between secs.
	25 and 30, descending through oak and mahogany
	brush.
16.00	Base of descent, bears E. and W., 200 ft. below
	sec. corner.
	A mere series

Set iron U. S. Forest Reserve Boundary Post No.

16.20

PAYSON FOREST RESERVE BOUNDARY.

Fast Bdy. T. 12 S., R. 2 F.

Chaine.	30, 30 ins. in the ground and build mound of stone 31 ft. base, 21 ft. high, around same, for line marking in prominent place, marked: RESERVE in N. W. and S. W. quadrants, from which: A cottonwood, 10 ins. diam., bears S.
16.35 17.00	lks. dist., marked F R B P No. 30 B T Road in Hop Creek Canyon, bears N. 60° W. and S. E. Draw, 10 lks. wide, course W. from N. E. out of Box Canyon.
18.00	Draw, 15 lks. wide, course N. 60° W. for 5.00 chs. then W. from S. E. Hop Creek Canyon, begin abrupt ascent.
21.50	Top of 80-foot ascent on east point of conglomerate cliff; begin descent.
25.90	Draw, 10 lks. wide, course N. E., base of 30-foot descent. Leave oak brush, enter aspen thicket, begin ascent, bears N. E. and S. W.
32.60	Leave aspen thicket, enter oak brush, bears N. 70° F. and S. 70° W.
40.10	t sec. corner between socs. 25 and 30, on steep H. slope, 200 ft. above last draw. Land, mountainous.
	Soil, rocky and gravelly, 4th rate. Timber, aspon, cottonwood in Hop Creek Canyon, dense oak and mahogany brush.
	From corner of secs. 19, 24, 25 and 30, I run North on random retracement line between secs. 19 and 24.
40.15	Intersect E. and W. 1 sec. line 20 lks. E. of the 4 sec. corner between secs. 19 and 24, which is a sandstone 12x5x5 ins., set 3 ins. in ground. Being defective in size, I replace with a sandstone 18x10x8 ins., set 12 ins. in ground for 4 sec. corner marked to m. I face, and build mound
	of stone, 3 ft. base, 2 ft. high, w. of corner. Thence from the 1 sec. corner I run S. 0°17' E. on true retracoment line between south halves of secs. 19 and 24, ascending abruptly through dense small oak brush.
2.75	Top of ridge, bears E. and W., 100 ft. above & sec. corner, at which point I build mound of stone around signal flag pole, 4 ft. base, S ft. high, for line marking on summit. Begin descent, bears E. and S. 60° W.
10.30 40.15	Head of draw, course S. 20° E. The corner of secs. 19, 24, 25 and 30, on south slope of hill 1000 ft. below summit. October 29, 1904.
	October 31: At the 1 sec. corner between secs. 19 and 24, at 8 a.m., a.s.t., I set off 39°45'30" on latitude are and 14°03'15" S. on aedlination are, and establish meridian with solar. Thence I run North on random retracement line between north
41.85	halves of secs. 19 and 24. Intersect E. and W. sec. line 11 lks. W. of corner of secs. 13, 18, 19 and 24, which is a sandstone, 14x10x6 ins. above ground, firmly set, with mound of stone W. of corner, as called for in notes of
,	I run S. 0°09' W. on true retracement line between secs.
.06	19 and 24. Set iron U. S. Forest Reserve Boundary Post No. 31, 30 ins. in ground and build mound of stone, 4 ft. base, 1 ft. high, around same, for W. C. to corner of secs. 13, 18, 19 and 24, marked:

PAYSON FOREST DISERVE BOUNTARY.

East Bdy. T. 12 S., R. 2 F.

A STATE OF THE PROPERTY OF THE

W C on top of cap Chains.

3.35 3.55 16880

22.80

W C on top of cap
T 12 S S 18 in N. E. quadrant
R 3 E S 19 in C. E. quadrant
S 24 in S. W. quadrant
R 2 E S 13 in N. W. quadrant
RESERVE in S. W., N. W. and F. E. quadrants.
Trail bears N. W. and S. E.
Draw, 8 1ks. wide, course N. W.; begin ascent.
West end of spur; top of 200-foot ascent, bears
N. 80° E. and S. W.; thence gradual descent along

W. slope of spur.
Swail draw, hears course W.
Begin ascent, bears E. and W.
Draw, 5 lks. wide, course N. W.; leave oak brush, 28.00 enter aspen thicket.

Leave aspen, enter oak brush, bears E. and W. 31.50 41.85 The $\frac{1}{4}$ sec. corner between secs. 19 and 24, on steep

II. slope, 700 ft. above swail. Land, mountainous.

Soil, rocky and gravelly, 4th rate. Timber, aspen and oak brush; some mountain balm near top of mountain.

October 31, 1904.

to: From a review of surveys in T. 12 S., R. 2 E., it will be seen that the general results of the former surveyor's work is fairly good, while the detail work is rotten. From evidence of Mr. Vick-Noto: detail work is rotten. From evidence of Mr. Vickers, P. O. Nephi, who worked on old survey as rodman for Mr. Page, the surveyor, it appears that former survey was made by running a system of triangulation across country and corners were set by measurement and with pocket compass, from the triangulation flags after completion of system, no blazing or chopping of line was done. This is corroborated by conditions ound in the field and accounts for many intermediate corners being off, bedly for distance and alignment, who reas the erbadly for distance and alignment, whereas the error would apparently be partially picked up in subsequent parts of the line and also accounts for many corners being omitted altogether.

GENERAL DESCRIPTION T. 12 S., R. 2 E.

Is rough, mountainous country, the western portion being extremely mountainous. The township is traversed by Salt Creek, a stream of slightly saline water flowing in a southerly direction through center of township. This creek turns west about one-half mile south of the south boundary of township, and furnishes power for electric light plant of Rephi and is used for irrigation in valley north of Rephi in Tps. 12 and 13 E., R. 1 E. The township is covered principally with scrub oak brush, with some scattering cedar. Old salt diggings in sec. 32 have been abandoned. PAYEON FOREST RESERVE BOUNDARY.

T. 12 S., R. 3 E.

November 1: Chains. At cornor of secs. 13, 18, 19 and 24, on west boundary of T. 12 S., R. 3 E., I set off 39°46' on latitude are and 14°22'30" S. on the declination are and at 8 a.m., a.s.t., establish meridian with the solar. I run East on random line between secs. 18 and 19.

Intersect N. and S. & sec. line 196 1ks. N. of & sec. corner between secs. 18 and 19. which is a sandstone 10x10x6 ins., set 4 ins. in ground, with small mound of stone on nordatane 20x12x5 in 44.50 stead in original position a sandstone 20x12x5 ins. 15 ins. in ground for 1 sec. corner, marked 1 on R. face and build mound of stone, 3 ft. base, Thence from ! sec. corner I run

H. 87°29' W. on true line between west halves of
secs. 16 and 19, through oak brush descending. Draw, 8 lks. wide, course N. W.; base of descent 80 ft. below | sec. corner. Leave oak brush, 6.00 enter aspen thicket; thence along N. slope of hill in swail. Begin ascent, bears T. W. and T. E. Leave aspen thickot, enter oak brush, bears N. W. 9.50 14.50 Leave espen thickot, enter oak brush, bears N. W. and S. T.

Top of 100-foot ascent bears P. W. and S. E.

Begin descent, bears N. W. and S. E.

Draw, 8 lks. wide, course P. W., base of 350-foot descent, bears N. W. and S. E.; begin ascent.

Top of 50-foot ascent bears P. 80° W. and S. E.; begin descent bears P. E. and S. W.

Corner of secs. 15, 18, 19 and 24.

Thence from the 1 sec. corner between secs. 18 and 18.50 19.50 36.00 39.00 44.50 19, I run East on random retracement line botween secs. 18 and 19. Intersect N. and E. sec. line 96 lks. E. of corner of secs. 17, 18, 19 and 20, which is a sandstone 18x10x6 ins., set 4 ins. in ground. I reset same stone 12 ins. in ground for corner of secs., stone secretary warrest E. matches on E. and Z. Ch. S. 39.75 correctly marked 5 notches on I. and 3 on S., and build mound of stone, 4 ft. base, 2; ft. high, W. of corner. Thence from sec. corner I rum

S. 88°37' W. on true retracement line between secs.

18 and 19, ascending, bears J. B. and S. W.

Then of thems cornel meaning access reduced bears W. Top of sharp conglomerate rock ridge bears N. 4.25 and S. W., 80 It. above sec. corner, at which and S. W., 80 ft. above sec. corner, at which point I set iron U. E. Forest Reserve Boundary Post No. 32, 6 ins. in ground to solid rock, and build mound of stone, 6 ft. base, 3% ft. high, around post, for line marking on prominent summit marked RESERVE in N. E. and N. W. quadrants.

Begin descent, Lears N. 60° E. and S. 60° W.

Enter aspen timber, bears N. and S. W.

Leave aspen grove; enter oak brush, bears N. and S.

Enter aspen thicket bears N. E. and S. W.; leave oak brush. 7.00 14.00 26.30 oak brush. Side hill wash, 5 lks. wide, course N. 30° W.
Leave aspen thicket, enter oak brush, bears N.30° W.
and S. 30° E.
The ½ sec. corner between secs. 18 and 19, 1000 ft. 31.00 38.00 39.75 below summit.

Land, mountainous.

Soil, rocky and gravelly, 4th rate.

Timbor, aspen and oak brush.

The state of the s

PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 3 E.

B00K

REPORT FOR THE PROPERTY OF THE CONTRACT OF THE PROPERTY OF THE At corner of secs. 17, 18, 19 and 20 I set off 14°27'45" S. on declination are and at 16^m20^s be-Chains fore noon, 1.m.t., observe sun on meridian and obtain a reading of 39°46' on latitude arc. Thence (at 1 p.m.) I run East on random retracement line between secs. 17 and 20. 40.15 No trace of old corner; set stake for temporary sec. corner. Intersect W. and E. soc. line 4.00 chs. S. of corner of sees. 16, 17, 20 and 21, which is a white quartzite 8x10x5 ins. above ground, correctly marked with 5 notches on E. and 4 on E. faces. I rebuild mound of stone 5% ft. base, 2% ft. high 80.80 W. of corner. Thence from true corner I run E. 87°10' W. on true line between secs. 17 and 20, through oak brush. Draw, 5 lks. wide, course S. 20° E. for 4.00 chs., thence S. 30° W. 3.00 Leave oak brush, enter aspen timber, bears R. and S. 8.00 9.00 Draw, 10 lks. wide, course S. 30° W.

Top of 80-foot ascent on cour, bears N.30° W. and S. 30° E.; begin ascent.

Top of 80-foot ascent on cour, bears N. 30° W. and E. 30° E.; begin accent. 10.80 16.80 Draw, 10 lks. wide, course 8. 20° E.; base of 40foot descent; begin ascent. 20.40

Top of 100-foot ascent, bears N. F. and S. V. Draw, 5 lks. wide, course S. 30° E. Cet sandstone 25x15x4 ins., 15 ins. in ground, for a sec. corner, marked 3 on E. face, from which:

A mahogany, 6 ins. diam., bears S. 3°15' E.,

73 lks. dist., marked 3 S 20 B T 25.00 55.40 40.40

No other trees available: I build mound of stone 3a ft. base, 2; ft. high, 7. of corner. Top of spur bears ". and f. on f. slope 100 ft. above draw; begin descent. Draw, 8 lhs. wide, course S. 20° W., base of 100-

Top of 150-foot ascent on S. slope of hill; begin

descont. Draw, 8 lks. wide, course 3., base of 200-foot descent; begin accent. Corner of socs. 17, 18, 19 and 20, 600 ft. above draw on S. E. slope.

80.80 Rend, mountainous. Soil, rocky and gravelly, 4th rate.

Rovember 2:

Thence I run

and 17.

foot descent; legin ascent.

40.80

44.15

52.80

61.20

40.30

Timbor, scrub oak and mountain mahogany. Hovember 1, 1904. vember 2: At corner of secs. 16, 17, 20 and 21, I set off 39°46' on latitude are and 14°42' S. on

declination are and establish a meridian with

solar at 8 a.m., a.s.t. North on random retracement line between secs. 16 sec. corner between secs. 16 and 17, which is an aspen tree 3 ins. diam. marked 5 on S. side over bark. I leave original marking and mark \$\frac{1}{2}\$ S 17 on W. side, S. 16 on E. side, for \$\frac{1}{2}\$ sec. corner,

from which: An aspen, 4 ins. diam., bears S. 9°30' E., 10 lks. dist., marked 1 S 16 B T, instead of S. 15° E., 10 lks. dist., as reported.

A red fir, 20 ins. diam., bears N. 58° W., 18 lks. dist.

PAYSON FOREST RESERVE BOUIL ARY.

T. 12 S., r. 3 T.

		٠
23	18 lks.	•
Chains	instead of pine, 15 ins., 7.60° W., as reported.	
	Thence from the & sec. corner I rum	
	S. 0°02' F. on true retracement line between secs.	
	16 and 17, ascending through aspen timber.	
9.30	Top of 200-foot ascent on divide bears F. and W	
	drainage to south flowing into For Creek Canyon,	
	to north into Spencers Fork; about 10 acres of	
`	fir timber bears W. 8.00 chs. dist. Leave aspen	
12.80	timber, enter oak brush, begin descent. Head of draw, course J. E.	
20.30	Swail draw, course S. R., heads 4.00 chs. west	
	against jagged rock cliff.	
29.00	Swail draw, course ?. E. for 10.00 chs., thence	
	S. V.	
33.40	Leave oak brush, enter aspen thicket, tears	
37.00	N. 30° T. and C. 30° F. Leave aspens, enter oak brush, bears H. 30° W. and	
37.00	S. 30 E., in swall drains to S. 30° E.	
40.25	Set iron U. S. Forest Reserve Foundary Post No. 33,	
200,110	24 ins. in ground, and build mound of stone, 4	
	5 ft. base, le ft. high, around save for ". C. to	
•	corner of secs. 16, 17, 2) and 21, marked:	
	W C on top of cap	
	T 12 S S 16 in V. E. quadrant R 3 E S 21 in S. F. quedrant	
	n on a all an a, r, queurant	
	S 20 in C. W. quadrant S 17 in C. W. quadrant	
	RESERVE in F. W. quadrant, with 3 notches on F.	
	and 4 on T.	
40.30	Corner of sees. 16, 17, 20 and 21, 350 ft. below	
	summit. Thence from } sec. corner between secs. 16 and 17.	
	I rim	
	Forth on random line between north helves of suce.	
	16 and 17.	
40.47	Intersect E. and W. sec. line 4 lks. W. of corner	
	of secs. 8, 9, 16 and 17, which is a quartzite stone 8x8x6 ins. above ground, marked correctly	
	with 4 notches on T. and C. faces, from which:	
•	An oak, diam, diam, boars ", 66°15' E., 36	
	An oak, 4ins. diam., bears ". 66°15' E., 36 lks. dist., marked ITC T 12 F R S E S'9	
	1 B T	
	An oak, 4 ins. diam., hears C. 18°F., 9 1ks.	
	dist., marked T 18 3 F 3 T 5 16 F T, instead of S. 42° F., 10 1ks. as reported.	}
	an orly 6 from signs bearing C. 40° T. 20 1kg.	
	An oak, 5 ins. dism., bears 7. 40° 7., 20 lks. dist., marked TES T 12 S E 5 T 3 17 F T	
	instead of S. Mb. W., Market as repursed.	
	An oak, 5 inc. diam., bears M. 19° W., 8 lks.	
,	An oak, 5 inc. diam., bears M. 19° W., 8 lks. dist., marked DEC 7 15 2 R 3 E 8 8 F T	
	instead of T. 20° W., 5 lke., as reported. (Only the section was marked on old bearing trees.	
	I therefore mark came correctly as shown above.	
•	Thence from trie corner I run	
	I.s. 0°03' E. on true retracement line between sees.	
	16 and 17, through dense onk thicket, descending.	
2.50	Base of 40-foot descent.	
5.00	Draw in flat, course V. 80° D. Beave thicket, ente aspen and scattering fir timber.	
0 00	Draw, 5 lks. wide, course F. 60° L. Regin ascent.	
8.00 17.50	I from of 700 ft. aggest Years I. 60° E. and E. 60° W.	
21 600	begin descent. Leave fir and aspen, onter oak	
	brush.	
36.50	Leave oak, enter aspen, bears H. F. and S. V.	
38.80	Draw, 10 lks. wide, course 1. 60° E., base of 200-	
40.49	foot descent: begin accent. The tase. corner between secs. 16 and 17. 30 ft.	
40.47	above draw.	
	Land, mountainous.	
	Soil, rocky and gravelly, 4th rate.	
		1

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PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 3 E.

Chains.	Timber, scattering fir, aspen and oak brush.
40.20	At corner of secs. 8, 9, 16 and 17, I set off 14°47' S. on the declination are and at 16 ^m 21 s before noon, 1.m.t., observe sun on meridian and obtain a reading of 39°46' on latitude are. Thence from this corner I run East on random retracement line between secs. 9 and 16. Intersect N. and S. ½ sec. line 37 lks. N. of the ½ sec. corner, which is a comglomorate pinnacle rock 6x7x5 ft. above ground, marked with a cross (+) and ½ N. of cross, as described in notes of General Land Office, from which: An aspen, 8 ins. diam., bears S. 0°45' W., 227 lks. dist., marked ½ S 16 B T
3.00	Iks. dist., marked 1 S 16 B T Thence from this 1 sec. corner I run N. 89°28' W. on true retracement line between secs. 9 and 16, through small oak brush descending. Enter aspen timber, bears N. and S.
4.00	Draw, 5 lks. wide, course N. 20° W., base of descent 50 ft. below a sec. corner; enter scattering fir timber; begin ascent.
7.70	Top of 100-foot ascent on W. slope of spur; begin descent.
9.20 12.20 13.20	Leave fir, enter aspen timber, bears N. E. and S. W. Base of 100-foot descent, bears F. E. and S. W. Draw, 15 lks. wide, 8 ft. banks, course V. E., forks 1.50chs. S. of line, coursing from S. 30° W. and S. 80° W.
17.20	Begin ascent, leave aspen timber, bears N. E. and S. W., enter oak brush.
20.70 24.10	S. W. point of spur 40 ft. high. Draw, 5 lks. wide, course S. 20° E. for 2.00 chs. in to draw, flowing E.
28.70 33.20	Leave oak brush, enter aspen timber. Leave aspen, enter oak, begin ascent bears H. E. and S. 60° W.
40.16	Set iron U. S. Forest Reserve Foundary Post No. 34, 30 ins. in ground, with mound of stone, 4 ft. base, 1½ ft. high, around same for W. C. to corner of secs. 8, 9, 16 and 17, marked: W C on top of cap T 12 S S 9 in W. E. quadrant R 3 E S 16 "S. E. quadrant S 17 in S. W. quadrant S 8 in M. W. quadrant RESERVE in S. W., M. W. and M. E. quadrants, with 4 notches on S. and T. faces.
40.20	Corner of secs. 8, 9, 16 and 17. November 3: Thence from 1 sec. corner I run
	East on random retracement line between secs. 9 and
40.85	Intersect N. and S. sec. line 24 lks. H. of corner of secs. 9, 10, 15 and 16, which is a quartzite loxloxlo ins. correctly marked, set 3 ins. in ground. I replace with a quartzite 22xlox8 ins. set 15 ins. in ground, marked 3 notches on E. and 4 on S. facos, from which: An aspen, 10 ins. diam., bears N. 17° W., 58 lks. dist., marked RES T 12 S R 3 E S 9 B T No other trees available; I build mound of stone 3½ ft. base, 2½ ft. high, W. of corner. Thence from true corner I run N. 89°40' W. on true retracement line between secs.
	9 and 16, through dense oak brush.

PAYEON FOREST RUCERVE BOUNDARY.

T. 12 E., R. 3 F.

	Chaina	1
	3.80	Bogin ascent, bears H. and S.
	15.80	Top of 300-foot accent. Linve oak brush, onter
	19.50	fir timbor, boars N. and S. Hond of draw, course T.
	23.80	Loave fir timber, enter oak brush, bears H. and C.
	28.00	Begin descent, bears T. and C.
	31.20	Loave onk brush, enter fir timber, bears H. and S.
	32.40	Draw, 5 Mes. wide, course M., base of 100-foot de- scent, begin accent.
	33.80	Top of 100-foot accent: leave fir timber, bears
	37.30	N. and C.
	40.85	The 2 sec. corner between sees. 9 and 16, 150 ft.
		below summit.
		And, mountainous.
ı		Soil, rocky and sandy, 3rd and 4th rate. Timber, fir, aspen, oak and mountain balm brush.
1		** ****** of *** 0 30 35 mm 36 T out off
į	*	At corner of sees. 9, 10, 15 and 16, I set off 15°05'45" C. on declination are, and at 16 ^m 21 ^g
,		before noon, 1.m.t., observe sun on maridian and
e 4		obtain a reading of 39°47' on latitude are.
; •	,	Thonce (at 1 p.m. 7 run Forth on random retracement line between secs. 9
2		and 10.
1	37.54	Intersect N. and ". ! occ. line 47 lks. T. of 1
ì		sec. corner, which is a quartrite stone 12x10x5 ins. above ground, serbed; on W. face, from which an:
,		Acron, 7 inc. diam., bears c. 27° E., 30 iks.
		dint. marked 1 0 10 7 T
		Appen, 6 ins. diam., bearg A. 88°30° W., 72
}		I build mound of atone, 3; ft. baco, 2 ft. high, 7.
1		of corner.
r I		Thence from 5 corner J run c. 0°43' ". on true retracement line between sees.
1		9 and 10.
	.10	Enter annon timber bears ". ". and ". T.
,	3.50	Draw, 10 lks. wide, course.". ". Road, bears F. W. and C. 50' ".
1	4.20 9.00	Rockin against Loors ". T. BEG T. ".
ì	16.50	Booky side hill wash, course ". 700 E.
	29.50	Top of Pha-10ot account leave appear and consecrand
1	33.50	fir timber, bears ". ". and ". ". Bogin descent, Lears K. Eng T. and E. W.
1	35.50	Prop of 90-foot degent, bears N. N. and N. h.
	37.47	At a point 7 lkg. T. of this corner I set iron U. S. Forest Feserve Foundary "set Ec. 35, 30 ins
-		in amound with mound of clone, 4 lb, 0860, 1, 404
-		high around port, for ". C. to corner of coos.
1		9, 10, 15 and 16, marroq:
1		T C on top of cap T 12 E C 10 in E. E. quadrant
1		R 3 R 5 15 in C. T. quadrent
1		g 16 in C. T. quadrant
- (water	37.54	correct of Boos. B. 10, 15 and 16.
-	U U'A	Thomas from * sac. corner & FWI
or Archaeology	me ==	Torth on random line between Boos. 9 and 10.
and the same	39.80	Intersect E. and E. sec. line 107 lks. W. of corner of sec. 3, 4, 9 and 10, which is a baselt 18x14x8
-		ing not 4 ing. in ground, I reset it ins. in
		ground marked with 5 notches on D. and 3 on D.
-		faces. I build mound of atone, 3% ft. base, 2 ft. high, v. of corner.
		Mouth of tunnol across crock bears C. 76°37' ". about
-		20.00 chp. dict.
		Thonac from sec. corner I run
- 1		

PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 3 E.

Chaine	S. 1°32' W. on true retracement line between secs. 9 and 10, through oak brush, along W. slope of	
5.00	opur. Top of opur, begin gradual descent, bears N. 10° W. and S. 30° E.	
15.00	Swail, course W., base of 50-foot descent, N.W. and S.E.: begin ascent, bears N.E. and C.W.	
27.30	Top of 100-foot ascent bears M. 20° E. and S. 20° W., begin descent, bears T. and W.	
30.00 37.00	Miner's cabin, Lears W. about 10.00 chs. dist. Base of 300-foot descent; leave out brush, enter aspen timber, Lears T. and W.	
38.30 39.80	Leave aspen, enter cage flat, bears N. W. and S. E. The Jacc. corner between secs. 9 and 10. Land, relling and mountainous. Soil, gravelly and sandy. 2nd and 4th rate.	
	Timbor, appearing senttering fir and scrub oak brugh.	
	Some local attraction in north half. Mining prospects in secs. 9 and 10. Rovember 3, 1904.	
	Lovember 4:	
	At corner of accs. 5, 4, 9 and 10 I set off 39°48' on latitude arc and 15°21'15" S. on declination arc, and at 8 a.m., a.s.t., establish meridian with colar. Thence I run	
	North on random retracement line between coes. 3 and 4.	
40.00	Intersect N. and ". hoce. line 140 lks. W. of the hock tree, 5 inc. dlam., marked hold on W. side,	
	S. 3 on east side, from which: An oak, 5 inc. dim ., bears H. 33°30° E., 19 lks. dist., marked S. 3 B. T., instead of oak 3 inc. dim., ". 37° T., 15 lks. as reported An oak, 5 inc. diam., lears S. 55°50° W., 16 lks. dist., marked KES S. 4 b. T., instead of S.63° W 14 lks. dict., as reported. (Trees imperfectly marked with pocket halfe. I remark with series).	
	I build mound of stone, 3! ft. bese, 2 ft. high, we of corner tree. Thereo from this ! noc. corner I run	
	3 and 4. through dense out bruch ascending.	
10.00 12.50	Roadle owings 4° additional to the T. Ownil draw, course T. 60° T.	
20.00	Top of accent 250 ft. above bee. corner; thence along T. alope of ridge.	
40.00	Corner of secs. 3, 4, 9 and 10. Thence from 5 sec. corner between secs. 3 and 4. Trun	
	North on random retracement line between north halves of need. 3 and 4.	
41.50	Intersect N. boundary of township 103 lks. E. of corner of sees. 3, 4, 33 and 34, which is a quartate stone 10x8x6 ins., properly marked. I replace with quartaite stone 22x12x8 ins., marked with 3 notehos on D. and W. faces, and build mound of stone 3; ft. base. 2; ft. high, W. of corner. There from true corner of sees. 3, 4, 53 and 54.	
	I run S. 1°25° D. on true retracement line between sees. S and 4. over relling bench covered with sage	
9.50 11.25	brush and oak, along oast slope. Draw in 20-foot depression, course E. Draw in 40-foot depression, course E.	
21.50	Begin descent, bears H. 10° E. and S. V.	

PAYSON FOREST RESERVE BOUNDARY.

T. 12 S., R. 3 E.

Chains 31.50 Base of 150-foot descent; enter aspen timber, bears W. E. and S. W. Set iron U. S. Forest Reserve Boundary Post No. 36 30 ins. in ground and build mound of stone, 4 ft. 33.00 base, 12 ft. high, around post for reserve boundary marking, marked:

RESERVE in N.W., and S.W. quadrants, from which:

An aspen, 12 ins. diam., bears S. 76° E., 83

lks. dist., marked F.R.B.P. No. 36 B.T.

An aspen, 6 ins. diam., bears S. 75° W., 30

lks. dist., marked F.R.B.P. No. 36 B.T.

Road bears N. 80° W. and F. 33.10 Spencer Fork Creek, 5 lks. wide, 4 ins. deep, course N. E. for 15.00 chs., thence about N.20° E. Leave aspen timber, enter oak brush, begin ascent, 34.00 34.30 bears \mathbb{R} . and \mathbb{W} . The $\frac{1}{2}$ sec. corner between secs. 3 and 4, 100 ft. 41.50 above creek. November 4. 1904. GENERAL DESCRIPTION. T. 12 S., R. 3 E., is mountainous rolling country, covered with growth of scrub oak brush, with an occasional aspen thicket and some scattering fir timber on N. slopes. It is principally a gravelly and conglomerate rock formation. Hop Creek heads in sec. 16 and flows S. W.; waters from springs in head sink in secs. 19 and 20. Spencers Fork Creek heads in secs. 9 and 15 and flows an intermittent stream in a northeasterly direction, corosing north boundary of sec. 3. Some benches, swails and creek bottoms could be used for agricultural purposes. The reserve line should take in more of the center of the township, secs. 19, 20, 21, 22, 15, 16, 10 and 3, if prior ownership does not conflict. Mean magnetic declination 16°50' E. T. 11 S., R. 3 E. November 5: At corner of secs. 3, 4, 33 and 34, on south boundary of T. 11 S., R. 3 E., I set off 39°48'45" on latitude arc and 15°37'30" S. on declination arc and at 8 a.m., a.s.t., establish meridian with the solar. Thence I run

N. 0°02' W. on true line between secs. 33 and 34,
over rolling surface along F. slope of ridge,
covered with sage brush and clusters of oak brush.
I set iron U. S. Forest Reserve Boundary Post No. 37, .05 24 ins. in ground, for W. C. to corner of secs. 3, 4, 33 and 34, marked:

W. C. on top of cap
T 11 S S 34 in N. F. quadrant
R 3 E S 3 in S. R. quadrant
T 12 S S 4 in S. W. quadrant
S 33 in N. W. quadrant RESERVE in N. W. and S. W. quadrants, and build mound of stone, 5 ft. base, 1 ft. high, around Draw in 40-foot depression, course E.
Top of 50-foot spur, bears E. and W.; begin descent,
bears E. and W.
Draw, 10 lks. wide, course N. 80° E., base of 50foot descent. 11.50 15.00

20.75

23.70

Draw, 8 1ks. wide, course E.; begin ascent bears E. and w.

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PAYSON FOREST RESERVE BOUNDARY.

T. 11 S., R. 3 E.

and the state of t	And by Many Borney And And Andrews And Andrews
Chains.	
30.50 38.00	Draw, 5 lks. wide, course S. E. Top of 100-foot ascent, bears F. and W. Thence along
40.00	E. slope of spur. Set quartzite stone 28x14x6 ins., 20 ins. in ground,
₩0,00	for \$ sec. corner, marked \$ on W. face, and build mound of stone, 35 ft. base, 25 ft. high, W. of corner.
44.00	Begin descent, bears N. W. and S. 20° E.
55.20	Draw, 10 lks. wide, course S. 80° E.; base of 100- foot descent; begin ascent.
60.00	Top of 60-foot ascent, bears D. and W.; begin descent.
63.40	Draw, 10 lks. wide, course N. 80° E.; base of 40-foot descent; begin ascent.
71.00 72.00	Top of 60-foot ascent, bears E. and W. Begin descent, bears N. W. and S. E.
80.00	Set iron U. S. Forest Reserve Boundary Post No. 38, 26 ins. in ground, for corner of secs. 27, 28, 33 and 34, marked:
	T 11 S S 27 in K. E. quadrant R 3 E S 34 in S. E. quadrant
	S 33 in S. W. quadrant
	S 28 in N. W. quadrant RESERVE in N. W. and S. W. quadrants, with 3
	notches on E. and I on E. sides, and build mound
	of stone, 5 ft. base, 1 ft. high, around post, and mound of stone, 4 ft. base, 3 ft. high, W. of
	corner. Corner falls on steep R. E. slope 100 ft.
	Land, hilly and mountainous.
	Soil, rocky and gravelly, 4th rate. Timber, clusters of scrub oak brush; some scatter-
	ing codars east of line.
	At this corner I set off 15°42'45" S. on declination
	on the meridian and obtain a reading of 39°49'30"
	on latitude arc. From corner of secs. 27, 28, 33 and 34, I run
	N. 0°02' W. on true line between sees. 27 and 28, descending through sage and oak brush.
7.50	Draw, 10 1kg. wide, course C. F., base of descent, 50 ft. below sec. corner; begin accent.
17.00	Top of 100-foot ascent, on spur, bears . and W.
18.00 32.80	Begin descent, bears E. and W. Draw, 10 lks. wide, course D.; base of 100-foot descent.
40.00	Set limestone 24x10x8 ins., 18 ins. in the ground, for 2 sec. corner, marked 2 on W. face, and build
	mound of stone, 4 ft. base, 3 ft. high, ". of cor-
42.00	ner. Begin ascent, bears N. 60° E. and S. 60° W., over
	nearly baro yellow dirt surface dotted with clusters of oak brush.
48.50	side hill washe lks. wide. course S. E.
67.00	Top of 100-foot ascent, on spur bears H. 60° E. and S. W.
70.00	Begin descent bears E. and W., through dense scrub oak brush.
80.00	Set iron U. S. Forest Reserve Boundary Post No. 39, 30 ins. in ground, and build mound of stone 5 ft. base, 1½ ft. high, around same for corner of secs. 21, 22, 27 and 28, marked: T 12 S S 22 in N. H. quadrant R 3 E S 27 in S. E. quadrant S 28 in S. W. quadrant S 21 in N. W. quadrant RESERVE in N. W. and S. W. quadrants, with 2
-	notches on S. and 3 on E. faces; and build mound

PAYSON FORFST RESERVE BOUNDARY.

T. 11 S., R. 3 E.

Chains.	pite impracticable. Corner falls on steep N. slope 280 ft. bolow summit. Land, mountainous and hilly.
	Soil, rocky and gravelly, 4th rate. Timber, sorub our brush; some scattering cedars east of line.
	November 5, 1904.
,	Rovember 7: At corner of soon. 21, 22, 27 and 28, I set off 39°50'15" on latitude are and 16°13'45" S. on the declination are, and at 8 a.m., a.s.t., establish meridian with the solar.
	Thence I run I. 0°02' V. on true line between secs. 21 and 22,
3.25	descending through dense oak brush. Fase of descent, bears N. 60° F. and S. 60° W., 100 ft. below sec. corner.
5.15	Draw, 10 lks. wido, course H. 60° E.; spring about 30.00 chs. down dray.
6.00	Regin ascent, bears N. 60° H. and S. 60° W. Top of 150-foot ascent on S. F. slope of spur.
24.50	bosin gradual descent along F. slope. Draw, 8 lks. wide, course F. E., base of 40-foot
29.50	descent; begin ascent, bears N. W. and S. F. Wash, 5 lks. wide, course S. 30° E.
40.00	Set quartzite stone 26x14x8 ins., 18 ins. in ground, for a sec. corner, marked and a face and build mound of stone 4 it. base, 3 ft. high, w. of corner.
43.00	Top of 200-foot ascent on bare top of rocky spur, bears I. 70° N. and E. 70° E. Begin descent, bears II. I. and A. II.
54.80	Base of 50-foot descent, at draw, 10 1km. wide, course f. E.; begin ascent bears H. W. and f. E.
62.50	Top of 150-foot ascent bears T. and T. on T. slope
79.50	of spar. Thence along T. slope of radge. Beckbone of ridgo bears H. 60° E. and E. 60° W., cmall bare butte bears H. 60° E. about 5.00 chs. dist., on end of ridge.
80.00	Set iron U. C. Forest Recorve Poundary Post Ho. 40, 28 inc. in ground and build mound of stone, 5 ft. base, 15 ft. high, around same, for corner of secs. 15. 16. 21 and 22, marked:
	Tils 5 15 in H. E. quadrent R 5 D 2 22 in C. D. quadrent
	E 21 in E. W. quadrant E 16 in W. W. quadrant RESERVE in W. W. and E. W. quadranto, with 3
	notohos on T. and F. faces, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner:
	pits impracticable. Corner falls on bare N. slope near summit of ridge, and is plainly visible from 3 or 4 miles to the I.
	Land, mountainous. Soil, rocky and washed boulders and pebblos, 4th rate. Timber, clusters of scrub oak brush.
	At this corner I set off 16°18'30" E. on declination are and at 16 ^m 14 ^B before noon, 1.m.t., observe sun on meridian and obtain a reading of 39°51' on latitude are.
	From corner of secs. 15, 16, 21 and 22, I run N. 0°02' W. on true line between secs. 15 and 16, de- scending abruptly over bare washed pobble, surface.
5.00	Enter oak bruch, begre F. and W. Base of 480-foot descent, bears W. E. and S. W.:

T. 11 S., R. 3 F.

on	
Chains. 37.00 40.00	Continue gradual ascent over bench. Regin more abrupt descent bears W. E. and C. W. Set granite stone 22x14x10 ins., 15 ins. in ground, for & sec. corner, marked & on W. face, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner.
46.75	Draw, 5 lks. wide, course M. 20° H. Base of descent, bears T. 80° F. and S. 80° W., 1000 ft. below sec. corner.
72.10	Nebo Crock. 15 1kc. wide, 18 ins. doep, course N. 80° E.; belt of cottonwood trees along crock.
75.70 73.90	Road, bears H. 80° H. and S. 80° Y. Set iron U. S. Forest Reserve Boundary Post Ho. 41 28 ins. in ground and build mound of stone. 6 ft. base, 1% ft. high, around same for boundary line marking, marked: RESERVE in H. W. and S. W. quadrants, from which: An oak, 5 ins. diam., bears S. 26°30' H., 46 1ks. dist., marked RES F.R.B.P. Ho. 41 B T An oak, 5 ins. diam., bears H. 86° E., 54 lks. dist., marked F.R.P.P. No. 41 B T
79.00	Thence ascending through dense oak brush. Enter scattering cedar timber, bears E. and W. Sot quartzite stone EER14x4 inc., 15 ins. in ground for corner of secs. 9, 10, 15 and 16, marked with 3 notches on T. and 4 on F. faces, from which: A cedar, 14 inc. diam., bears E. 0°45' E., 55 lks. dist., marked T 11 S R 3 E S 10 B T A cedar, 5 ins. diam., bears E. 66°45' E., 30 lks. dist., marked T 11 S R 3 E S 15 B T A cedar, 10 ins. diam., bears E. 64°15' E., 120 lks. dist., marked EES T 11 S R 3 E S 16 P T A cedar, 6 inc. diam., bears H. 61°30' W., 149 lks. dist., marked EES T 11 S R 3 E S 9 B T Lend, mountainous and relling. Soil, rocky and gravelly, 4th rate. Timber, oak brush, cettonwoods on creek, and seat- tering cedar on E. end of mile.
	Royembor 7, 1906.
V	November 8: At corner of secs. 9, 10, 15 and 16, I set off 29°52° on latifude are and 16°31'15" C. on declination are, and at 8 a.m., a.s.t., est b-lish meridian with solar. There I run
	T. 0°08' W. on true line between secs. 9 and 10, throughscuttering codar timber ascending.
2.00 10.50	Begin abrupt accent, bears T. and W. Top of 250-feet accent: leave coder timber, enter sage and cluster oak brush, bears E. and W.:
21.00	rontinue gradual ascent. Top of ridge, bears H. 70° H. and C. 70° H., 550 ft. above seg porner. Thence gradually descend-
34.70	Draw, 10.1ks. wide, course S. 70° W., bese of 40-
40.00	foot descent: begin gradual ascent. Set quartite stone 24x1fx5 ins., 18 ins. in ground, for 1 sec. corner, marked for ". face, and build mound of stone, 4 ft. base, 3 ft. high, ". of corner: pits impracticable.
58.20 79.00 80.00	Flat draw, 10 lks. wide, course S. E. Top of gradual 150-foot ascent, bears H. and T. Sot iron U. S. Forest Reserve Foundary Post No. 42, 12 ins. in ground to rock and build mound of stone, 6% ft. base, 3 ft. high, around same for corner

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PAYSON FOREST RESERVE BOUNDARY.

T. 11 S., R. 3 E.

Chains	of secs. 3, 4, 9 and 10, marked: Tils Sin N. E. quadrant Rise Sin N. E. quadrant Sin S. W. quadrant Sin N. W. quadrant RESERVE in N. W. and S. W. quadrants, with 5 notches on S. and 3 on E. sides, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner. Land, mountainous and rolling. Soil, rocky and gravelly, 4th rate. Timber, cedar and oak brush.	
	At this corner I set off 16°36'15" S. on declination are and at 16 ^M 10 ^S before noon, 1.m.t., observe sun on meridian and obtain a reading of 39°53' on latitude are. From corner of secs. 3, 4, 9 and 10, I run N. 0°02' W. on true line between secs. 3 and 4, through clusters of oak brush over rolling surface.	
5.90 15.00 33.00 37.50	Flat draw, 10 lks. wide, course S. 60° E. Old road, bears N. W. and S. E. Begin descent, bears N. 60° E. and S. 60° W. Draw, 15 lks. wide, course N. 60° E.; base of 50-foot descent; begin ascent.	
4 0.00	Set limestone 24x14x12 ins., 18 ins. in ground, for ½ sec. corner, marked ¼ on W. face, and build mound of stone, 3 ft. base, 2½ ft. high, W. of corner; pits im racticable. Top of 50-foot ascent, bears M. 60° E. and S. 60° W.	
49.00 53.80	Begin descent, bears E. and W. Draw, 10 lks. wide, course S. 60° E.; base of 40- foot descent; begin gradual ascent.	
74.74	Intersect Second Standard Farallel South, 33 lks. east of standard corner of secs. 33 and 34, T.10 S., R. 3 E., at which intersection I set iron U. S. Forest Reserve Boundary Post No. 43, 28 ins. in ground, and build mound of stone, 4 ft. base, 12 ft. high around same, for C. C. of secs. 3 and 4, T. 11 S., R. 3 E., marked: C C on top of cap, south of center. R 3 E S 3 in S. F. quadrant T 11 S S 4 in S. W. quadrant	•
	RESERVE in S. W. quadrant, with 3 notches on E. and W. sides, and build mound of stone, 5 ft. base, 3 ft. high, S. of C. C. Note: From this C. C. I set off 39°53'45" on lati-	
	tude arc and 16°37'15" S. on the declination arc and at 4 p.m., a.s.t., take backsight on corner of secs. 15, 16, 21 and 22, and find same bears S. 0°02' E. Backsight was also taken on this corner from several intermediate points. Land, rolling and hilly. Soil, gravelly and rocky, 4th rate.	X
	Timber, scrub oak brush. November 8, 1904.	

GENERAL DESCRIPTION.

T. 11 S., R. 3 E., is principally rolling, hilly, bench land covered with oak brush. Nebo Creek traverses the township from center west in an easterly and northeasterly direction, and joins Thistle Creek in northeastern portion of township, near settlement of Clinton, where it is used, partially, for irrigation. The township affords fairly good pasturage, oak brush and sulphur weed serving in that capacity. Drainage is to east and northeast. Mean magnetic declination is 17°00' E. Some local attraction in township.

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PAYSON FOREST RESERVE BOUNDARY.

T. 10 S., R. 3 E.

Chaine.	Note: From evidence of oldest settlers the survey
	of lines between sees. 33 and 34, 27 and 34, 27 and 28, 22 and 27, 21 and 22, 15 and 22, vero
	never made. Further, aside from other gross mis-
	representations in notes of these lines, the one
	note between secs. 21 and 22 of Bennies Creek at 11.00 chs. in notes of General Land Office, is
	sufficient to show that the notes are "made up",
	as this creek is as a matter of fact at 31.30 chs. There is a large draw at 13.30 of this line, which
	if looked at from 1 mile east, at corner of cocs.
	22, 23, 26 and 27 (where notes were likely manu-
bear of the first	factured) appears to be the main creek, but could not possibly be mistaken for it if line was actual-
	ly run, as one is a dry draw, while the other is
	bold atreas of water 15 lks. wide. As sees. 22,
	27 and 34 have been reported as surveyed and ac- cepted, and sees. 22 and 27 are settled and par-
	tially under fonces and cultivation, the original
	arone must be maintained, but if this was done by measurement only it would work an injustice on
	the settlers, especially in sec. 22, where the
1	owner has had relyate surveys made with its east
į	boundary as a base. I therefore run lines west for 80.00 chs from the existing corners of secs. 14, 15,
1	22 and 23; 22, 23, 26 and 27; 26, 27, 34 and 35,
	and make west boundarys of sees. 34, 27 and 22
i 1	parallel to and equal in length to their respective east bourdaries, as this appears from the condit-
1	ions to be just and projer.
1	November 9: At standard corner of sees. 33 and 34, on 2nd Stan-
1	dard Tarallel Louth, which is a baselt rook loxloxs
}	inc. set 4 inc. in fround. marked 5 notches on
!	T. and T. and improperly C. C. on C. Reco, small C. on F., stend being deficient in length,
۱ د	I replace with a continuite atomo 26x14x10 ins.,
1	end to the the emound. for C. G. of secs. 33 and
. ;	34, merhod ". C. on N. Maco, S not ches on T. and W. facos, and enlarge mound of stone M. of corner
!	to A th Luca, S ft. high.
j	I opt off 30°53'45" on letitude are and 16°48'50" c. on declination are and at 8 a.m., u.s.t., ostab-
1 !	ligh moridien with colur.
	Thence I run
	n. 0°02' n. on rendom retracement line between seco. 33 and 34.
40.00	No trace of old corner; (of clake for temperary 2
00.00	Ho trace of old corner; set stake for temporary
80.00	corner of sees. 27, 28, 33 and 34.
	FARDOM.
	Thones from ctake for temporary corner of sees. 27.
	98 55 ord 54. 7 run
40.00	N. 0002 W. on random line between sees. 27 and 28. No trace or cyldence of old corner; set atake for
40.00	framma martir 's spe- commer.
00.08	I DO tropo of Extrementation (CERTICAL CORNER OF SCUS)
•	21, 22, 77 and 78; sot stake for temporary corner. Thence I run
	u ocos: w. on random line between sees. 21 and 22.
40.00	No trace of corner; set state for temperary
80.00	noc. corner. No trace of corner of cocs. 15, 16, 21 and 22; set state for temporary corner. A settlors claims that corners have nover been set and that old survey
-3700	otake for temporary corner. A settlors claims that
	was not made further west than one mile east of
	this line.
1	November 9, 1904.

November 9, 1904.

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PAYSON FOREST RESERVE BOUNDARY.

T. 10 S., R. 3 E.

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A1	November 11:	
Chains.	Random Line.	
·	From corner of secs. 26, 27, 34 and 35, which is a	
	quartzive scone izxex6 ins. shove ground, set in	
	small pile of stone, correctly marked. Thence I run	
	West on random line between secs. 27 and 34, through oak brush.	
5.00	Begin descent, bears N. E. and S. W.	
13.55	Draw, 10 lks. wide, course R., base of 90-foot de-	
±0.00	scent, begin ascent.	
20.60	Fence, hears W. 200 W. and C. 200 E	
25.00	Fence, bears N. 20° W. and S. 20° E. Top of 100-foot ascent on N. slope of spur, begin	
	descent.	
36.70	Draw, 5 lks. wide, course N. 20° E., base of 50-foot	
	descent: begin ascent.	
40.00	No trace or evidence of 4 sec. corner; set stake	
	for temporary 4 sec. corner.	
42.70	Draw, 5 lks. wide, course N. 30° E.	
51,50	Top of 100-foot ascent on M. end of spur, begin de-	
	scent, boars N. E. and S. W.	
78.90	Stake set on random W. line bears S. 78 lks.	
80.00	Set iron post No. 44 for corner of secs. 27, 28, 33	
	and 34, as described on true line R. between secs.	
	33 and 34.	
	As ½ sec. corner does not affect my line I do not	
:	set same.	
	Rovember 11, 1904.	
	November 12: From corner of secs. 22, 23, 26 and 27, which is a	
	sandstone 6x4x4 ins. above ground, correctly	
	marked.	
	Thence west between secs? 22 and 27, over cultivated	
	field; fence from corner runs N. 89°30' W.	
4.50	Draw, 5 lks. wide, course S.	
12.30	Irrigation ditch, 4 lks. wide, 6 ins. deep, course	
	S. 88° E.	
14.80	Fence bears N. 60° W. and S. 60° E.; leave field.	
15.40	Road bears M. 60° W. and S. 60° E., enter dense	
	timber and underbrush in bottom land.	
20.60	Bennies Creek, 15 lks. wide, 12 inc. deep, course	
	S. 80° E.	
26.00	Leave bottom land and timber, begin ascent through	
70 OF	oak brush.	
39.85	Irrigation ditch course S. E.	
40.00 65.50	Draw, 10 lks. wide, course H. 80° E.	
77.76	Stake driven on random north line, from south boun-	
11.10	dary of township, bears 5. 224 lks.	
79.35	Road bears N. E. and S. W.	
80.00	Set flint stone for corner of sees. 21, 22, 27 and 28,	
30.00	described on true line north between secs. 27 and	
'	28.	
	\$ sec. corner does not affect my line and is there-	
	fore not set.	
	From corner of secs. 14, 15, 22 and 23, which is a	
· ·	compact sandstone, or quartzite, 12x6x10 ins.	
	above ground, marked correctly.	
,	Thence I run	
	West on random line between secs. 15 and 22, over	
	rolling land covered with sage and cluster oak	
30	brush.	
.10	Farm road, bears N. W. and S. E.	
2.20 3.20	Wash, 5 lks. wide, course S. E. Wash, 5 lks. wide, course C. E.	
10.70	Farm road, bears N. and S.	
21.40	Fence bears I. and S.	
22.00	House bears S. 5.00 chs. dist.	
26.50	Irrigation ditch, course E. E.	
36.70	Draw, 10 lks. wide, course S. 20° E.	
40.00	No trace of 1 sec. corner found.	
58.00	Draw, 10 1ks. wide, course S. E.	
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PAYSON FOREST RESIRVA BOUTTY RY.

T. 10 S., R. 3 E.

Chains.	
60.00	Begin abrupt ascent bears I. 30° W. and S. 30° E.
65.00	TUP OF TOOT SECONT bears T. and 3. 30° E.
75.00	Draw, 10 lks. wide, course S. 10° E.
75.34	Stake set for temporary corner on random line from .
	south boundary of township, bears 7. 7.69 chs.
80.00	Set iron U. S. Forest Reserve Boundary Post No. 46.
	as described on true line between secs. 21 and 22:
	2 sec. corner does not affect my line and is there-
	fore not set.
	CHECK LINES.
ļ	As there exist large errors in lines between secs.
	26 and 27 and between sees. 22 and 23 I run check
	lines to prove my own work.
	From corner of secs. 26, 27, 34 and 35 I run
	North on random line between secs. 26 and 27.
81.50	Intersect E. and W. sec. line 110 lks. east of cor-
	nar of sace 52 22 ond 57 which circo true
	ner of secs. 22, 23, 26 and 27, which gives true bearing of N. 0°47' ".
	Michael Cham and a firm of the control of the contr
}	Thence from corner of secs. 22, 23, 26 and 27 I run
	North on check random line between secs. 22 and 23.
85.49	Intersect E. and ". sec. line 256 lks. E. of corner
	of secs. 14, 15, 22 and 23, which gives true bear-
	ing of N. 1°50' W., which proves my work around
	sec. 22 and around sec. 27 to be within a few lks.
	of compat
	TAUE MINE. Rovember 12, 1904.
	November 9:
	From standard corner of secs. 35 and 34 on south
	boundary of T. 10 S., R. 3 F., previously des-
	cribed, I run
	N. 0°47' W. on true line between sees. 33 and 34,
	over rolling land dotted with clusters of oak
	brush.
0 00	
8.20	Flat draw, 8 lks. wide, course S. E., begin gradual
70.00	ascent.
18.00	Top of 50-foot ascent on ridge bears T. and W.;
CD 50	bogin gradual descent bears N. and W.
33.50	Begin abrupt descent lears T. and T., through dense
40 70	oak brush.
40.39	Set quartzito stono 18x10x6 ins., 1: ins. in ground
	I for A sec. corner, marked ton a. ince, and number
	mound of stone 3 ft. base, 2 ft. high, W. of cor-
	ner; pits impracticable.
48,20	Side hill draw, 5 lks. wide, course 7. 30° R.
60,60	Draw, 8 lks. wide, course V. C., base of 300-foot
	descont.
68,00	Draw, 10 lks. wide, course T. for 10.00 chs., then
•	N. E.: bogin ascent bears I. and I.
77.00	Top of 50-foot ascent on E. end of spur.
80.78	Set iron U. S. Forest Reserve Boundary Post Ro. 44,
	26 ins. in ground and build mound of stone, 5 ft.
	base, la ft. high, around same for corner of sees.
	27, 28, 33 and 34, marked:
	T 10 S S 27 in H. E. quadrant
	R 3 E S 34 in C. H. quadrant
	8 33 in F. W. quadrant
	S 28 in N. W. quadrant
	RESERVE IN R. W. and L. W. onto rands, which is
	RESERVE in H. W. and C. W. quadrants, with 1 notch on S. and 3 on T. mides, and build mound of
	stone, 4 ft. base, 22 ft. high, a. of corner.
	Land, rolling and hilly.
	Soil, rocky and gravelly, 4th rate.
•	Timber, oak brush in clusters.
	From corner of secs. 27, 28, 33 and 34, I run
	T. 0°48' W. on true line between secs. 27 and 28
•	over rolling land through dense oak brush.
·	

over rolling land through dense oak
flat draw, 10 lks. wide, course M. E.
31.00 Draw, 15 lks. wide, course S. 60° E.

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PAYSON FOREST RESERVE BOUNDARY.

T. 10 S., R. 3 E.

		E Water
Chains. 39.00	Irrigation ditch, 4 lkg. wide, 4 ft. banks, course	
40.73	True point for t sec. corner falls in her hale lo	
40.63	Set flint stone 26x12x8 ins. 18 ins. in ground	
	for W. C. soc. corner, marked W. C. 1 on W. face, and build mound of stone 3 to base, 2 ft. high W. of corner.	
48.00 54.90	East end of low brushy spur.	
	Spring brook, 3 lks. wide, 1 ins. deep, course N. 60° E.	
62.20 72.80	East end of low spur, begin descent, bears E. and W. Dry branch, 10 lks. wide, course N. 60° E., some water in pools; base of 80-foot descent, thence over rolling beach.	
79.80 81.46	Road bears T. F. and S. W. Set flint stone 24xl0x8 ins., 18 ins. in the ground for corner of secc. 21, 22, 27 and 28, marked with 3 notches on T. and 2 on S. faces, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner; pits impracticable. Land, relling.	
; }	Soil, gravelly and loam, 3rd and 4th rate. Timber, scrub oak brush.	
,	November 9, 1904.	
}	Hovember 10:	
,	From corner of scos. 21, 22, 27 and 28 I run R. 1°37' W. on true line between secs. 21 and 22, over rolling surface, covered with sage brush and cluster oak brush.	
3.00	Bogin descent, bears F. and C.	
13.30	Draw, 10 lks. wide, course E.; base of 50-foot descent; begin accent.	
21.20	Top of 50-foot ascent on E. slore. Irrigation ditch, 5 lks. wide, 6 inc. dcop, course 2. 60° E.	
31.30	Bennie Creek, 15 lks. wide, 15 ins. deep, clear fresh water, course 5. 60° E., base of 60-foot descent.	
33.65 33.77	Road bears 7. 60° W. and 7. 60° T. Set iron U. S. Forest Reserve Poundary Post Ro. 45, 30 ins. in ground, and build mound of stone, 45, ft. base, 1 ft. high around same for boundary line	
į. 9 3	marking, marked: RESERVE in F. W. and S. W. quad- rents, from which:	
p per la management de	A fir, 14 inc. diam., bears N. 64°15' W., 112 1ks. dist., marked RES F.R.B.P. No. 45 B T	
enderstanding:	An aspen, 10 ins. diam., bears S. 83° E., 33 lks. dist., marked F.R.B.P. No. 45 B T	
35.90	Epring on line, drains to C. E.; begin ascent, bears N. 60° W. and C. 60° E.	
42.72	Set sandstone 20x8x4 ins., 15 ins. in ground for \$\frac{1}{2}\$ sec. corner, marked on \$\tilde{\pi}\$. face, and build mound of stone, 4 ft. base, 3 ft. high, \$\tilde{\pi}\$. of corner.	
70.00	of stone, 4 ft. base, 3 ft. high, W. of corner. Top of 150-foot ascent on gradual 2. E. slope, thence along E. slope.	
85.45	Set iron U. S. Forest Reserve Poundary Post No. 46, 30 ins. in ground, and build mound of stone, 5	
	ft. base, 1½ ft. high, around same for corner of secs. 15, 16, 21 and 22, marked: T 10 S S 15 in N. E. quadrant	
	R 3 E S 22 in S. E. quadrant S 21 in S. W. quadrant	
,	S 16 in N. W. quadrant RESERVE in H. W. and S. W. quadrants, with 3	
	notches on E. and B: sides, and build mound of stone, 4 ft. base, 3 ft. high, W. of corner.	
	Pits impracticable.	
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Novembor 10, 1904.

PAYEON FORTER RUSTRIE BOUNDARY.

Pimber, scattering cottonwood, aspen and fir along Bonnie Creek; scrub ook bruch on hills.

T. 10 S., R. 3 R.

Soil, gravelly and loam in creek bottom, 4th rate.

Land, rolling and hilly.

Movember 14:

Chains.

300K

At corner of secs. 15, 16, 21 and 22 I set off 59°56'15" on latitude are and 18°09'15" S. on deelimation are and at 6 e.m., a.s.t., ostablish moridian with soler. Thence I run

H. 0°02' W. on true line between sees. 15 and 16. through dones oak brush, ascending along E. slope of spur.

Head of draw, course f. 30° %.

Praw, 10 lkg. wide, 15 ft. doep, course f. 20° K.

Top of 350-foot ascent on steep %. slope.

Begin descent, bears 7. 20° W. and f. 10° E.

Draw, 10 lks. wide, course %., base of 50-foot de-7.70 13.00 20.00 23.00 38.00 soont. Draw, 10 lks. wide, course C. 60° E. Draw, 10 lks. wide, course C. 60° F., begin ascent. Set limestone 26x12x4 ins., If ins. in ground to 32.80 35.85 10.00 solid rock, for sec. corner, marked on W. face, and build mound of stone, 4 ft. base, 3 ft. high, ". of corner. high, T. of corner.
Top of 700-loot ascent on steep rocky T. slope of spur. Regin about descent, bears N. 60° W. and S. 60° E. 53.00 Draw, 10 lks. wide, course 1. Bese of 100-foot descent; begin about ascent. 59.00 Top of 100-foot ascent on steep T. elope. Fegin descent bears T. 30° T. and C. 30° E., along 55.00 36.00 steen N. E. slope. Drew. 8 lks wide, course I.; have of 80-foot de-76.00 scent. Erow, 10 lhs. wide, course 7. 700 E.
Sot iron U. C. Forest Reserve Toundary Post No. 47,
26 lns. in ground, for corner of coss. 9, 10, 15 78.70 30.00 and 16, marked: From corner, mouth of tunnel bears N. 1945' W. about 21.30 chs. Land, rolling and mountainous. Foil, rocky and gravelly, 4th rate. Ciplor, corub oak brugh. At corner of secs. 9, 10, 15 and 16 I set off 18°15' S. on declination are and at 15"30° before noon, 1.m.t., observe sum on meridian and obtain a reading of 39°57' on latitude are. Thonce I run
E. 0°02' W. on true line between secs. 9 and 10, over rolling ground, through dense oak brush.

Draw, 6 lks. wide, course 5. 60° E.

Draw, 8 lks. wide, course 5. 60° E.

Draw, 10 lks. wide, course 5. D.; begin abrupt ascent, bears E. 70° E. and 5. 70° E. 1.30 3.10 5.15

PAYSON FOREST RESERVE BOUNDARY.

T. 10 S., R. 3 E.

Chains Trail to mine bears N. W. and S. E? 16.75 Mouth of tunnel bears w., about 70 lks. dist.

Top of 850-foot ascent on ridge, bears T. 70° w. and
E. 70° E. At this point I build mound of stone,
4 ft. base, 3 ft. high, around flag pole, for line 21.50 25.80 marking. 26.50 Begin abrupt descent bears H. W. and f. T. 31.00 Enter aspen thicket, bears M. and W. Set sandstone 24xl0xl2 ins., 18 ins. in the ground, for \$\frac{1}{4}\$ sec. corner, marked \$\frac{1}{4}\$ on \$W\$. face, from which An aspen, 6 ins. diam., bears \$W\$. 41° E., 13 lks. dist., marked \$\frac{1}{4}\$ S 10 B T

An aspen, 6 ins. diam., bears \$\frac{1}{4}\$ S 9 B T

| Royember 14 1904 40.00 Movember 14, 1904. November 15: At this ½ sec. corner I set off 39°57'30" on lati-tude arc and 18°24'45" S. on declination are and at 8 a.m., a.s.t., establish meridian with solar. Thence I continue N. 0°02' W. Draw, 10 lks. wide, course S. 60° E., base of 500-42.15 foot descent; begin abrupt ascent; leave aspen timber; enter scrub oak brush. Wash 5 lks. wide, course S. E.
Top of 500 ft. ascent on ridge bears F. and W.
At this point I build mound of stone, 4 ft. base,
3 ft. high, around flag pole, for line marking. 46.70 55.25 Begin abrupt descent. Enter aspen timber, bears F. and W. Draw, 10 lks. wido, course E.: base of 400-foot 57.00 67.70 descent; begin abrupt ascent; leave aspen, enter oak brush. Top of 500-foot ascent, bears N. H. and S. W.; 79.00 enter aspen timber. Set iron U. S. Forest Reserve Boundary Post No. 48 80.00 28 ins. in ground, and build mound of stone, 4 ft. base, 1; ft. high, around same for corner of secs. 3, 4, 9 and 10, marked: T 10 S S 3 in N. E. quadrant T 10 S S 3 in N. E. quadrant
R 3 E S 10 in C. E. quadrant
S 9 in S. W. quadrant
EMBERVE in N. W. and C. W. quadrants, with 5
notches on S. and 3 on E. sides, from which:
An aspen, 3 ins. diam., bears H. 60° E., 12
lks. dist., marked T 10 S R 3 E S 3 B T
An aspen, 3 ins. diam., bears S. 31°30' W., 36
lks. dist., marked RES T 10 S R 3 E S 9 B T
No other trees available. No other trees available. Land, mountainous. Soil, rocky and gravelly, 4th rate. Timber, aspen and scrub oak brush. From corner of secs. 3, 4, 9 and 10 I run N. 0°02' W. on true line between secs. 3 and 4, through aspen timber. Bogin abrupt descent, bears F. a pen and scattering fir timber. bears E. and W., through as-1.50 Base of abrupt descent, continue gradual descent, 15.75 boars E. and W. Drag trail bears E. and W. 17.60 Draw, 10 lks. wide, 15 ft. banks, course E. 70° E. base of 450-foot descent. 22.30 Begin ascent, leave aspen, enter oak brush, bears 25.00

oak brush, enter appen thicket, bears E. and W. Draw, 10 lks. wide, course E. 32.90 Set sandstone 26x12x5 ins., 18 ins. in ground, for 40.00

Top of 80-foot ascent on spur bears, E. and W.

Leave

E. and W.

30.50

DUUN 329

PAYSON POREST RESERVE BOUNDARY.

7. 10 S., R. 3 X.

1/4 sec. corner, between secs. 3 mm 4, marked 1/4 en W. face, from which:
An aspen, 4 ins. diam., bears M. 50 E., 3 lks. dist., marked 1/4 S 3 E T
An aspen, 4 ins. diam., bears M. 7 W., 32 lks. dist., marked RES 1/4 S 4 E T
Corner falls in aspen covered swall sloping to the east.
Snow p.m. prevents further work and line is discontinued here for the season.

Government 15, 1904. Jno, P. Walker, U. S. Surveyor. LUUK 329

PAYSON FOREST RESERVE BOUNDARY. S. Pdr. T 9 S R., 3 E. Survey of Payson Forest Reserve boundary lines, Chains commonced June 24th, 1905, and executed with a Young & Sons light mountain transit with solar attachment, No. 6836. The horizontal limb is provided with two opposite verniors, reading to Fingle minutes of arc, which is also the least count of the verniers of the latitude and declination ares.
begin at the 1/4 sec. cor. between Secs. 3 and 4,
T 10 S., R. 3 E., heretofere described by Yr.
J. P. Walker, and carry line north 1/2 mile and
then to the West along S. boundary of Tr. 9 S., Rr. 3 M., as instructed, but when nearly to the range line, between Ranges 2 and 3, W., find that the S. boundary of Tp. 9 S., R. 3 M., had previously been surveyed. Therefore I return to Wr. Walker's line and find the following conditions: July 7, 1905.
At the 1/4 sec. cer. on S. Rdy., Sec. 34, T 9 S., R. 3 E., which is a conglowerate stone 14x8x8

went half.

9.21

.06

2.55 4.20 ins. where is a configurate stone remarks ins. where from a roperly marked and witnessed by small mound of stones around same.

At 2 p.m., I set off 22°36' N. on the declination are, 39°50' N. on the latitude arc, and determine a true meridian, with the solar.

henritude 111°40' V.

Latitude 39°50' 16°N. Lg. declination 16°53' %. Theads I run

Intersect cor. of secs. 33 and 34 which is a sandstone 14x18x7 ins., properly marked and witnessed by mound of stone . of corner. Theace I run ast on a true line along south boundary of sec. 34 Pencending along south side of ridgo above Grab Crock,

through oak brush and aspon.

From U. C. Torest Reservo Boundary Post No. 50 with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
In the ground for witness cor. to corner of secs.
33 and 34, marked on cap
". C. T 9 f C 34 on N. T.
B 3 U.S 33 on N. T.

No. 50 on S. and 1905 on tor. RECERVE on S. stees of top, with 3 notches on 1. and W. edges of rim.

Cattle trail bears M. and S.

Change to M. side of ridge.

Intersect M. and S. 1ine between sections 3 and 4,

West on a rander line along S. boundary, Sec. 34,

7 10 S., R. 3 D., 3.00 cha. S. of 1/4 Sec. Cor. rot by Tr. Talker after destroying marks on bearing trees and stone, at point of intersection, I set a sandstone 24x16x12 ins., 18 ins. in the ground, for elesing corner of secs. 3 and 4, marked 0.0.0. on 8. face, and 3 grooves on E. and V.

sides from which An aspon, 5 ing. dism., bours S. 48°30' N., An aeron, 5 ins. diam., bears B. 48°30° S.,

43 lks. dist., marked T 10 S, R. 3 %., S 3, B.T.

An aeron, 4 ins. diam., bears S. 71°45° W.,

78 lks. dist., marked T. 10 S., R. 3 S., S 4,

R. T.

At a reint 6 lks. south of above described corner,

Set boundary poet Mc. 49, which is an iron rost,

with brass cap, 4 ft. long, 4 ins. diam., 3 ft.

in the ground, for witness corner to closing

corner of secs. 3 and 4, marked on cap
W. C. T 10 S. S. 3 on S. M.
R. 3 E. S 4 on S. W.
C. C. on S.

PAYSON FOREST RESERVE BOUNDARY. S. Bdy., T 9 S., R. 3 E.

1300K

1/4 sec. cor. heretofore described.

Land, mountainous.

Soil, 3rd rate. Timber, aspen and a dense growth of oak and aspen

brush. Formation, limestone.

This 1/4 sec. cor. is about 550 ft. below sec. cor. July 7th, 1905.

July 8, 1905.
At the corner of Secs. 33 and 34, at 8 a.m. 1. m. t I set off 22°32' ". on the declination are and 39°

corner.

Thence I run

59 . on the latitude are and determine a true

mound of stone N. of corner.

meridian with the sclar.

Thence I run

7. 50°45' 7. on a true line between secs. 4 and 53.

Set a sandstone 20:12x6 ins., 15 ins. in the ground for witness corner, to 1/4 sec. cor., marked

Thence along rough S. Slope.

Spur, slopes C. U. Grom main ridge, enter brush
H. and S.

Percending over open land.

Drain, course S. com. This is at the head of Grab Creek.

Cor. of secs. 33 and 34, heretofore described.

At the corner of secs. 4, 5, 32 and 33, at 8 a.m. I set off 22°25' .. on the declination arc, and 39°69'W. on the latitude are and determine a true

July 8, 1905.

West on a random line between secs. 4 and 33.
Point for 1/4 sec. cer. falls in loose rock, just below some small ledges. Find no trace of 1/4

Set temporary stake for witness corner, to 1/4 sec.

corner at this point.
I set off 22°30' N. on the declination are, and at

 $13^{11}5^{11}$ l.m.t. observe the sun on the meridian , and

obtain a reading of 39°59' on the latitude are, which is within 1' of the proper latitude.

Intersect N. and (line, 35 lks. N. of corner of Secs. 4, 5, 32 and 33, which is a limestone 8x6x14 instabove ground, properly marked and witnessed by

£4. .

90.88

huins.

39.21

10.00

16.50

9.59

L5.60

50 **.** 79를 66.60

79.59

West on a random line, between sees. 5 and 32. Intersect N. and S. line 2 lks. N. of 1/4 Sec. Cor. 10.43 which is a limestone 4x9x10 ins. above ground, properly marked and witnessed by bearing trees. Thonce I run N. 89°58'E., on a true line between secs. 5 and 32,

July 9, 1908.

Thonce I run

Land, mountainous.
Soil, 4th rate.
To timber, oak brush.
Pormation, limestone.

meridian with the colar.

ast half. Gradually ascending S. W. slope, through a few scuttering pine. Top of ascent bears N. W. and S. E .. 3.55 This is top of small ridge passing from point to point along top of Loafer Mountain, and divide

No. 49 on S. and 1905 on top.
RESERVE on S. ". quadrant, with 3 notches on S. and W. edges of rim.

PAYSON FOREST RESERVE BOUNDARY.

S. Bdy. T. 9 S., R. 3 E.

```
Chains.
                      between Loufer and Haple Grove Hollows.
                 Hond of Paple Grove Hollow, course N., about 600 ft.
 17.40
                     below top of ridge, ascand.
                 Top of long ridge bears W. 20°E. and S. 20°W., about 500 ft. above hollow. Divide between Haple Grove Hollow and Grab Creek, descend.

Leave scattering timber, bears N. and S.

Set Iron U. S. Forest Reserve Boundary Post; No. 51
 30.30
  34<sup>°</sup> 00
  40:37
                     with a brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, and mound of stone, for witness corner, to corner of sees. 4, 5, 32 and 33, marked on cap.

W. C. T 9 F B 33 on N. E.

R. 3 E. S 4 on S. E.

T 10 S S 5 on S. W.
                                                'S S on S. W.
S 33 on H. W. and
                                No. 51 on S. and 1905 on top. RESERVE on S. side of top with 4 notches on
                  Corner of sees. 4, 5, 39 and 33, heretefore described. From 1/4 sec. corner between secs. 5 and 32, I run
  40.43
                  West on a random line between socs. 5 and 32, west half.
                  At this point, I set off 22°23'N. on the declination are and at 12"5" 1.m.t. observe the sun on the meridian and obtain a reading of 39°59'N. on
  30.00
                      the latitude orc.
                  Intersect N. and C. line 12 lks. N. of corner of
  41.05
                      secs. 5, 6, 31 and 32 which is a limestone 5x8x10 ins. above cround, properly marked and witnessed by mound of stone H. of corner. The mound was
                      in bad condition, therefore I rebuild mound of stone 3 1/2 ft. base, 1 1/2 ft. high W. of corner
                      around post.
                                A pine, 15 ins. diam., bears W. 2°7. 115 lks. dist., marked T 9 S., R 3 E., S 52, B. T. A pine 7 ins. diam., bears C. 15°30°5., 169 lks. dist., m.rked T 10 S., R. 3 R., S 5, B pine 20 ins. diam., bears S. 31°30°7., 231 lks. dist., marked T 10 S, R 3 E., F 6, F. pine 10 ins. diam., bears K. 30°45° T. 215 lks. dist., marked T 9 S, R 3 R, F 31 S. T. Trun
                  To further perpetuate corner
                   Thouce I run
                   T. 800 SO E., on a true line between secs. 5 and 32
                       wast half.
                   Ascending through scattering timber. Top of ligh spur, alones S. 15°W., 250 ft. above sec.
   11.45
                   derner, descend.
Herd of Lesfer No low, course f. W., 400 ft. below
   27.50
                   top of ridge, ascend 600 ft. to 1/4 sec. cor. Peratofore described.
   41.05
                   Land, mountainous.
                   Soil, 4th rate.
                   Vimbor, pine.
Formation, limittone.
                                                                               July 9, 1905.
                    July 10, 1905.
                   At the corner of secs. 5, 6, 31 and 32, at 8h30m l.m.t., I get off 22°17'N, on the declination arc, and 39°59'N, on the latitude arc, and determine a
                    true meridian with the solar. Thence I run
                    Wost on a random line, between sees. 6 and 31. Intersect H. and S. line 3 lks. N. of 1/4 sec. cor
    41.78
                       which is a limestone 4x8x8 ins. above ground,
                       properly marked and witnessed by mound of stone #.
```

M. 80057 TR. on a true line between secs. 1 and 36,

of corner. Thence I run

```
east half
               Ascending broken S. W. slope through oak brush.
              Point of spur slopes 5. 60° v. Side hill drain, course 5. 60° W.
  . 80
18.70
              Pater scattering timber bears H. 60°R and S. 60°W.
Leave heavy brush, bearing H. and S.
Spur, slopes S. 50°W.
              Spur, slones S. 50°W.
Side hill drain, course S. 60°W.
Set Wass. Forest Reserve boundary Post Ro. 52, with
27 . RO
35.50
41.72
                  a brass cap, 4 ft. long, 4 ins. diam. 3 ft. en the ground for witness corner to corner of sections 5, 6, 31 and 32 marked on cap. W. C. T.9 S. S. 31 on N. R.
                           W. C. T. 9 S S S On S E. T. 10 S S S S On S W.
                                          S 31 on N. W.
                            No. 52 on Sy and 1905 on top.
                            RESERVE on South side of top with 5 notches
               Corner of secs. 5, 6, 31 and 32, heretofore described. From 1/4 Sec. cor. between secs. 6 and 31, west on
41.78
               At this point, July 10, 1905, I sat off 22016 W. on the declination are; and at 12 51 m.t., I
30.00
                  observe the sun on the meridian and obtain a read-
ing of 39250 on the latitude arc.
               Intersect W. and S. line, 41 lks. H. of closing corner of Ths. 9 and 10 S., R. 3 E, which is a limestone 42 4x10x6 ins. above ground proper; y marked, and withessed by mound of stone 10 ft. N. of corner.
67:09
               To Turther porpetuate this corner I mark
               A pine 10 inst diam. S. 47°45'E., 210 lks. dist., as follows: T 10 S R 3 S 5, B.T Also move mound of stone and raise mound of stone
                 3/1/2 ft. base, 1 1/2 ft. high around post 3. of
                   corner.
               Thomas I
                               run;
               North 89030! E. on a true line between secs. 6 and
               Desconding H. W. slope, very rough and broken, through scattering timber.
               Set U. S. Iron Forest Reserve Boundary Post No. 53, with a brass car, 4 ft. long4 ins. diam., 3 ft. in the ground and mound of stone for witness corner to closing corner of Tps. 9 and 10 S., R 3 ., marked
  %06
                  on cap
                            T 0 S. S. 31 on N. H.
W. C. C. C. R 3 Fron 7.
T 10 S S 6 on S. M.
                                                   and 1905 on top.
                             No. 53 ол S.
                            RESERVE on S. and W. sides of top, with 6 notches on W. Z. and S. edges of rim.
               Drain, course H. There heavy pine timber, bears N. and S. Side hill drain, course H. 20° W. Drag road; and drain in Loafer Hellow, course N. 60° Labout 300 ft below closing corner and about 1400
                           courso u.
  4.60
15,10
17.60
                   Tt. below corner of sections 5, 6, 31 and 32, ascend.
 37.10
                Side hill ordin, course S. 10°W
 46.80
67.09
                1/4 sec. cor. heretefore described.
                This corner is about 500 ft. above Loafer Bollow, and about 85 lks. N. F. of reck about 30 ft. high.
                and, mountainous Soil, 4th rate.
                Timber, pine and oak brush.
Formation, limestone.
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PAYSON FOREST RESERVE BOUNTARY.

S. Sdy T 9 S. R. 3 E.

From the closing corner of Tps. 9 and 10 S. R. 3 S., the corner of Tps. 9 and 10 S., R. 2 E. is in sight, therefore I set flag on same, and run North 3 W., on a true line between ranges 2 and 3 E. Descending through scattering timber and brush. Drain, in Leafer Nollow, course N. V. 350 ft. below Chaine. 13.75 closing corner.
Drug Road, bears W. ". and S. E. 15".85 Secin ascent. Rocky limeatone spur slopes S. 60°W.
Thence along steep W. slope through brush.
The corner of Tps. 9 and 10 S., R. 2 W., which is a limestone 14x10x6 ins. in mound of stone marked as 18.95 23,45 described by General Land Office. To further perpetuate this corner A rine 10 ins. diam., boars N. 67°15'W., 132 lks. dist, marked T 9 S R 2 E S 36, B. T. No other suitable trees, raise a mound of stone 3 1/2 ft. base 1 1/2 ft. high W. of corner around post. Land, mountainous. Soil, Ath rate. Timber, pine, oak brush. Formation, limestone. July 10, 1905.

> July 12, 1905. At the corner of Tys. 9 and 10 D., R 2 E., at S a.m. 1.m.t., I set off 22°02'N. on the declination ere and 50°59'. on the latitude are and determine a

true veridian with the seler. Thence I run N. goorgiv. on a random line between sees. I and 36. Find no trace of 1/4 sec. cor. Sot temperary corner. Find no trace of corner of secs. 1, 2, 35 and 36, sqt temporary corner. At the temperary corner of sees, 1, 2, 35 and 36, set off 220%, on the doclination are, and at 12h obtain a reading of 30°50' on the latitude are which is within 1' of the proper latitude.
I find stone properly marked laying on top of ground

at a point 1.38 chs. west of here, but search fails to reveal where it belonged, therefore set temperary stake for 1/4 sec. cor. and proceed.

Center of read to canyon, bears N. and S. as reported by General Land Office, corner should be in middle of this read. I find stone as described and properly marked, laping about 50 lks. S. and at one side, as road shows no indication of having been moved to S. or W. I take this for measurement, but continue B. or W. I take this for measurement, but continue random line W. 80°56'W. for bearing. Set temporary stake.
W. 80°56'W. on rancom line between 8308. 3 and 34, from

temperary stake in road.

Intersect T. and S. line, 82 lks. N. of 1/4 sec. Gor. which is a sandstone 6x8x6ins. above ground, marked and witnessed as described by Concrel Land Office. Thomae I W. 89050 R. on a true line between secs. 5 and 34, east half.

Gradually descending, through brush. Begin steep descent, bears N. and S. Payson Crack, 25 lks. wide, course N. 20°W., about 150 ft. below 1/4 sec. commer. Set Iron U. S. Forest Reserve Boundary Post, No. 58, with a brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, to mark boundary line near road,

11.48 marked on cap

40,00

80.00

120.00

2.60

39.62

7.10

10.10

PAYSON FORGOT RESERVE SOUNDARY.

S. May. T P S. R. 2 N.

```
1905 on top of con.
                            Ho. DB on Se and
                           HENKRYE on south half of top.
              Payeon ounyon road, bours N. 20°W. and S. E.
11.57
               Amound.
24.00
               Top of accent, about 100 ft. above creek, thence over
                 rolling land.
              True point for corner of secs. 2, 3, 34 and 35, falls in middle of road. Therefore at a point 26 lks. 2. at
39.62
              I not a sandetone 24x14x10 ins., 18 ins. in the
39.88
                 Stand 35, marked 7. C. on N. T. face, with 2 notehus on E. and 4 notehus on W. edges of stone, raise a mound of stone 3 1/2 ft. base, 1 1/2 ft.
                  high W. of corner around pont.
              Jane, rough and broken. Roll, and rate.
               Timber, aeren aleng ereak, aur eak brush.
Formation, sandatena.
                                                                    July 12, 1905.
              July 13, 1905.
At the true reint for corner of secs. 2, 3, 34, and 55, in richle of read, at a u.m., I set off 21°53' N. on the Accidentary are, and 30°50' i. on the 'attade are, and determine a true meriding with the dolar. These I run M. spendio. on a true line, between necs. 2 and 35.
               .20
                                            534 on N. J.
                             your on tor.
                             paragrad on the nice of top with a notehon on W
               4 notches on W. separ of rim.. Fitness nerenes on W. separ of rim.. Fitness nerser to error of seco. 2, 3, 34 and 35. Fasin secont, over rough broken lend, conoral eleperation that west.
    :25
  7.10
               Brain, course N. Brail irrigation estate, water 1 lk. wide, course N.
22.10
               Correct arraphisms exten, water 1 lk. wide, course Hearin gradual meant, bearn N. and N. Correct annual for 1/2 kto. verner, marked 1/4 on N. face. Faise a mound of stens 3 1/2 ft. base, 1 1/2 ft. high, N. of corner.
34.65
36.40
40.00
                lite digrectionable.
               of affin from bank or tarrace, about 25 ft. high, bears N. &S.
53.10
               Begin atter ascent of mountain bears H. and C.

Begin atter ascent of mountain bears H. and C.

Set Tron. H. C. Verest Reserve Soundary Post No. 56,

With brand tar, 4 ft. leng, 4 ins. Giam., 3 ft. in

the ground, for withous corner to corner of sections

1, 3, 35 and 36, market on cap

1, 3, 35 and 36, market on cap

1, 5, 5 and 36, market on cap

1, 7, 6 5 5 5 on F. 7.
58.35
 A1.74
                             R 2 3 5 1 on S. 3.
                                            35 on N. W.
                             1905 on top,
                             No 56 enc
                              BEBERVE on B. sides of top with 1 notch on E.
                cot a limentone 18x12x6 ins., 12 ins. in the ground, for
```

B. Mdy. TO STAR 2 7.

corner of sections 1, 2, 35 and 36 marked with 1 netch on W. and 5 notches on W. edgos. Dig pits 18:18:12 inc. in each section 5:1/2 ft. dist., and are a mound of ourth 4 ft. base, 2 ft. high, W. of corner. This garner is about 1000 ft above corner of socs 2, 3, 34 and 35. Joind, mountainous. Soil. J2nd_and 4th rates. Timbor, some cherry with oak and maple brush. Formation, sandatone and limestone. From the corner of sections 1, 2, 35 and 36, thence I-run N. 89.50 R. on a true line between sees. 1 and 36, ascending through brush. Top of aucont, beers W. 20°W. and S. 20°E about 150 7.80 ft. sbove acction corner. Texcend. Set a limestone 20x10x6 ins., 15 ins. in the ground, for 1/4 acc. cor. murked 1/4 on N. face:

A pine 12 ins. diam., beers N. 46° E., 150 lks.

Cist., marked 1/4 G 36 F. T. 40.90 61st., marked 1/4 5 36 f. T. A pine 10 ins. dist., boars 5 30W., 50 lks. dist., marked 1/4 5 1, 8. T. Enter timber, hours W. and S. W.
Spring drain I IX. wide, course W. E.
Drain, course W. W., shout 600 ft. below top of 40.90 44.40 48.05 mountain, ascend. Tor of arur, 7" ft. above drain, slopes N. 200%. 54.00 Percand. Small trail to prespect hole, about 5.00 chs. S. of: 57.57. line. Set Iren U. C. Morant Reserve Soundary Post No. 55 **71.80** with brace cap, 4 ft. long, 4 ins. fiam., 3 ft. in the ground, to mark boundary line slong trail in the ground, marked on cap 1905 on top Ho. 55 and Drag trail and drain in Tonfor Hollow, course H. W 71.90 Seen W. 125 ft. below top of spur Trug trail, bears W. and S. W. second 125 ft. to Set Iron W. S. We set Regerve Boundary Post No. 84 74.00 F1.74 with bress cap, 4 ft. long, 4 fns. dimm., 3 ft. the ground for witness corner to corner of Tps. and 10 8 R 2 %., marked on cap Tios Sion 8. W. W. C. Rak on W., Toga Sas on W. W. 1905 on tor No. 54 on 8. Hesenve on C. W. quadrant, with 6 notches on Horar of Tru. 9 and 10 S. Rgs. 2 W., heretofore 81.20 Concrition. Land, mountainous. Timber, hine and auron, with oak and maple brush. Formation, limestone. July 13, 1905. July 14, 1905. At the 1/4 sec. corner between accs. 3 and 34 at 1905: B:30 a.m. 1xmxtx 1 Bat off 21.45 W. on tho doclination are and 30050. H. on the intilude are,

termine a true merician with the solar.

West on random line betwoon sacs 3 and 34, west half

Thance I run

PAYSON FOREST RESERVE BOUNDARY.

S. Bdy. T. 9 S. Rg. 2 E.

Note: I consider it best to run random line west although notes give bearing of line N. 89°56'W.)
Intersect N. and S. line 24 lks. N. of Gor. of secs.
3, 4, 33 and 34, which is a sandstone 18x12x10 ins. 10.62 3; 4; 33 and 34; which is a sandstone 18x12x1 set in mound of stone, marked as described by Ceneral Land Office. To further establish corner, I raise a mound of stone 10 1/2 ft. base, 1 1/3 ft. high, W. of corner around rost. Thence I run N. 80°40 'E. on a true line, between sees. 3 and 34 west half Tescending through heavy oak brush. 40.62 1/4 sec. cor. herotofore described. Land, rountainous. Soil, 4th rate. No timber. Hoavy oak brush. Formation, limestone and sundstone. This corner is about 600 ft. below sec. corner. Close work at 11 a.m. on account of rain. July 14, 1905. July 15, 1905. At the corner of sees. 3, 4, 35 and 34, at 8 a.m., I set off 21°36'N. on the declination are and 39°59' H. on the latitude are, and determine a true moradian with the so ar. Thonco I run West on a random line between sees. 4 and 53. Find no trace of 1/4 sec. corner. 40.00 Set temperary stake.
At this point I sat off 21°34'W. on the declination are and at 12heh30b chaerve the sun on the meridian and obtain a reading of 39°59! on the latitude are which is within 1' of the proper latitude. Find no trace of corner of sections 4, 5, 32 and 33, 80.00 not temperary corner. July 15, 1905. July 17, 1906. At the temperary corner of secs. 4, 5, 32 and 33, at 81,5 m a.m. 1.m.t., I set off 21°16'N. on the declination arc, and 39°50'N. on the latitude arc, and determine a true meridian with the solar. Thence I run West on random line between sees. 5 and 32. West on random line between secs. 5 and 32.

Find no trace of 1/4 sec. cor. Set temperary corner.

Intersect N. and S. line 256 lks. N. of corner of
Secs. 5, 6, 31 and 32, which is a sandstone
7x7x4ins. above ground, marked as described by Genenal Land Office, but mound of stone W. of corner,
has been knocked down. I rebuild the same 3 1/2 ft.
base, 1 1/2 ft. high V. of corner.

At this corner, July 17, 1905, I get off 21°14'N. on the
the declination are, and at 12h6m l.m.t., observe
the sun on the moridian and obtain a reading of
30°50' on the latitude are.

Thomas Trun 120.00 164.92 Thongo I run Worth 89007 E. on a true line between recs. 5 and 32. From corner on W. slope of spur sloping W. through spoattering out brush. Top of spir sloping N. descend to Small drain, course N. W., ascend. 1.40 7.50 Top of spur, slopes W. about 100 ft. above drain, thence over rough broken W. slope through heavy 19.15 oak brush.

26.10 Top of low spur slopes W. descond. below spur, ascend.

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PAYBON FORBST RESERVE ROUTDARY.

Bishdy, Fors. R. S. H.

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The true point for 1/4 and corner falling in
36.55
               Ret a granite stone 24x16x8 ins.; 18 ins. in ground, for witness corner to 1/4 pec. corner, marked W. U. 1/4 on A. face and rains a mound of stone 3 1/2; the bigh W. T. 2000.
                  time, 1 1/2 ft. high, N. of corner.
                                                                                Pits impras
                   ticable:
               Thin corner stands just on W. aide of ridge, sloping.
41.23
               True point for 1/4 acc. corner.
               Brain, course N. 20° W. about 125 ft. below 1/4 sec corner.
43.15
                Begin steep ascent.
               Top of limeatone ledges about 150 ft. high, bears
69.40
                   K. and S.
               Top of mountain, bears N. and S. about 800 ft. above drain, thence over rolling land descending.

Set Iron U. S. Forest hoserve Boundary Post No. 60, with a brass car, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of roctions 4, 5, 32 and 33, marked on cap

W. C. T. C. B. 33 on N. R.
70.00
82.40
                                      G 4 on A. W.
C 5 on A. W.
38 on B. W.
                            7 70 %
                           1905 on ter
                           Fo 60 and
                           IMBHVE on C. sides of top with 4 notches on W. adges of rim.
               For a syndatone 16x15x5 ins., 12 ins. in the ground, for acreer of sees. 4, 5, 32 and 33, marked with 4 setches on 3., and 2 notches on 7. offer, from
82.46
                  which
                            A rine 10 ins. diam., borre S. 53 ° E., 121 3kg. dist., morked 7 10 S R 2 H S 4 B.
                           A mine 7 ins. Giam., boura 5. 77° W., 50 lks. dist., merked T 10 S R 2 B, B B 8. T. Alre poince a mound of stone 3 1/2 ft. base.
               2 3/2 ft. high. V. of corner.
Corner stands on top of ridge, bearing N. and S.
               Tand, mountainous.
                Antl.
                         4th rate.
                           a fed rehegany on top of mountains. Oak brush.
               Formation, granite and limestone.
               From the corner of Boos. 4, 5, 32 and 33, thouse I run North 8900718, on a two line between Boos. 4 and 33.
               Descending from corner through ask brush.
               Entor pine tirbor, bears in. R. and H. W.
  2.50
               Drein, course H. 1: "H., noon H. W., shout 500 ft.
17.15
                 below sec. corner.
Leave pine timber, bears N. and S.
                Continue in heavy aspen.
                Tonvo aspen, bears H. and S. xx 200 ft. above drain.
19.45
27:45
                Decond.
               Set a limestone lexlex? ins., 12 ins. in the ground for 1/4 sec. corner marked 1/4 on K. face, from which A marke 5 ins. diam., boars H. 37°E., 18 lks. dist., marked 1/4 S 33 E. T. A marke 4 ins. diam., bears S. 67° W., 39 lks. dist., marked 1/4 S 4 E. T.
41.23
42.110
                Drain, course R. 500 ft. below top of ridge, drain
46.00
                   skirted with houvy aspen
                Tonsof amail ringer slopes H. 100 ft. above drain.
51.40
```

Pogin descent.

223

S. Bay. T. 9 S., R. 2 E.

```
mains.
               Drain, course N. 75 ft. below ridge, ascend. Top of ridge, bears N. and S. Sloping N. 300 ft. above drain, descend. Gradual descent over beach bearing N. and S.
56.20
66.70
76.45
80.40
                Begin steep descent, W. and S.
                Set Iron, U. S. Forest Reserve Boundary Post No. 59, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, and mound of stone for witness corner to corner of secs. 3, 4, 33 and 34, marked on cap W. C. T 9 S., S 34, on N. E.
82.40
                            R 2 E
                                                   S
                                                         3, on S. R.
                                                     S 33
                                                              on W. W.
                            T 10S,
                                                     S
                                                          4
                                                               on S. W.
                            No. 59 and
                            RESERVE on S' sides of top with 3 notches of
                                E. and W. edges of rim.
                Cor. of secs. 3, 4, 33 and 34, heretofore described.
82.46
                Land, mountainous.
                Soil, 4th rate.
                Timber, pine and aspen, oak and maple brush. Formation, limestone.
                                                                        July 17, 1905.
                July 19, 1905.
                At the corner of cass. 5, 6, 31 and 32 on S. 8dy. T. 9 ..., P 2 ..., heretofore described, at 8 a.m. l.m.t., I set off 21.06 N. on the doclination are
                   and 30°50'N. on the latitude are and determine a
                    true meridian with the solar.
                Thence I run
                South 0081"., on a random line, between secs. 5 and 6. Intersect W. and W. line 34 lks. B. of 1/4 sec. corwhich is a granite stone 7x9x6 ins. above ground, marked and witnessed as described by General Land.
45.18
                    Office.
                Thence I run
                North 003513. on a true line between secs. 5 and 6
                    North half.
                 Along west slope through oak brush.
                Begin descent, bours % and W. Drain, course B. 100W., about 400 ft. below top,
  3.18
 14.95
                    thence over table land, nearly level to
                Bogin Concent, heers D. and W. Drein, course N. W. soon W., about 125 ft. below top
30,30
36.90
                      ascend.
                Top of ascent, bears B. and W. about 75 ft. above drain. Descend about 50 ft. to corner.
 40.00
                Set Iron W. S. Forest Reserve Boundary Post No. 61, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of sees. 5, 6, 31 and 32, marked on cap to corner of sees. 5, 6, 32 on N. E.
43.12
                             Te 2, 3, 5 5 on 8. W. 7 10,8 8 8 on 8. W. 8 31 on H. W.
                            1905 on top
                             No. 63. on S. and
                             RESERVE on S. E. quadrant, 5 notches on E. and 1
                notch on W. edges of rim.
Cor. of Socs. 5, 5, 31 and 32, heretofore described.
From the 1/4 sec. corner between secs. 5 and 6, I run
South Oct. W. on a random line between secs. 5 and 6,
43.18
                    south half.
                 Intersect E. and W. line 19 1ks. W. corner of secs
 40.18
                    5, 6, 7 and 8, which is a stone 5x6x8 ins. above
                    ground, marked and witnessed as described by
```

General Jand Office.

Thence I run

Subdivision Tp. 10 S. R. 2 E.

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Chains
             N. O.B. W. on a true line between secs. 5 and 6, south
               half
             Promiconner, on top of ridge, which bears E. and W. descending through oak brush.
             Drain Course N. 60°W. about 400 ft. below top of
13.45
             Fidge, ascend.
Small side hill drain, course S. 60°W.
Top of ascent 250 7t. above drain, bears E. and W.,
1/4 sec. corner, heretofore described.
34.60
39.50
40.18
             Land, mountainous.
Soil, 4th rate.
             Soil, 4th rate.
No timber, heavy oak brush.
Pormation, granite.
             At the corner of sees. 5, 6, 7 and 8, I set off 21°5' M. on the declination arc, and at 1215' 1.m.t. obsprve
                the sun on the meridian, and obtain a reading of
                30058! on the letatude arc.
             Thence I run
             South 0.31%. on a random line between secs. 7 and 8. Intersect %. and W. line at 1/4 sec. corner which is a
40.75
               Frankte stone 10x6x6 ins. above ground, merked and witnessed as described by Coneral Land Office.
             Thence I run
             North 00347, on a true line between secs. 7 and 8,
                north, half.
             Gradually escending through oak brush. Top of ridge, bears E. and W/ slopes W. Begin descent.
 .2.25
             Drain, scourse H. 700 ., 600 ft. below top of ridge,
28:00
                bscend.
              Top of ridge, beers H. and W. slopes W. 500 ft. above
38.75
                drain.
             Descence 50 ft. to corner.
Bet Iron U. S. Forest Reserve Boundary Post No. 62,
40.69
               with brass cap, 4 ft. long, 4 ins. diam, 3 ft., in the ground, for witness corner to corner of secs.
               5, 6, 7 and 8, marked on car. w. C. T.10 S S 5 on N.
                      W. C. T. 10 S S 5 on H.
R. 2 B S 8 on S
                                     8 on S. 3.
7 on S. W.
                                  S' 6 on W. W. and
                      1905 on top
                      ANO: 62 on 6:
                        RESERVE on W. side of top, with 5 notches on S.
              Corner of sees. 5, 6, 7 and 8, heretofore described.
40.75
              From the 1/4 sec. corner between Becs. 7 and 8,
              S. 093'H. on a random line between Socs. 7 and 8,
                south half
              Ologowork auty 18th, 1905.
 17.50
                                                             July 18, 1905.
              Jüly 19, 1995:
              At this point at 9 a.m., I set off 20°54' N. on the declination are and 39°57' N. on the latitude are, and determine a true meridian with the solar, and con-
              tinue random line.
Intersect E. and V. line 13 lks. E. of corner of secs.
                 8 and 17, which is a granite stone 6x8x8 ins. above ground, marked and witnessed as described by General Land Office.
 43.22
               Thonce I run
              North 007 R. on a true line on W. boundary Sec. 8.
               Ascend through oak brush.
```

Ton slones N. 70 W. begin steep descent.

.70

PAYBUR PURROI REDERVE PUUDANI

Subdivision Tr. 10 8, R., 2 7.

3 01 Find no trace of closing corner of secs. 7 and 18, reported at this point by General Land Office. Brain, course N. 70°W. 600 ft. below top, ascend. Franite ledge 20 ft. high, bears E. 15 ft. dist. Top of ridge slopes W. 450 ft. above drain, descend 150 ft. to 9,12 15.20 25.45 32.20 Head of drain, course N. 80°W. 38.20 Gradually ascend. 1/4 sec. cor. heretofore described. Land, mountainous. Soil, 4th rate. 43.22 Soil 4th rate. Took brush on W. slopes, scattering Formation, granite. From the corner of Secs. 8 and 17, I run South 003 3. on a random line, between secs 17 and 18. July 19, 1805; At this point I set off 20053'N. on 23.75 declination are, and at 12h6m 1.m.t. observe the sun on the meridian and obtain a reading of 39057. on the latitude are which is within 1' of the proper latitude. Intersect W. and W. line 42 lks. W. of 1/4 Sec. corner which is a granite stone 6x10x5 ins. above ground 40.62 marked and witnessed as described by General Land Office. Thence I run North 0.39 W. on a true line between Secs. 17 and 18. Peacending through oak brush. Small drain, course W. about 100 ft. below 1/4 Scc 4.60 corner ascend Top of apur, slopes N. 80°W., 125 ft. above drain, 16.85 doscend. 24.50 Side hill drain, course N. W. Drain, course W. about 350 ft. below top of spur, 27.35 ascend 400 ft. to corner. Set Iron U. S. Forest Reserve Boundary Post No. 63 40,56 with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner, to corner of sees. 8 and 17 marked on cap W. C. T 10 S S S on R. T. R. 7 E S 17 on S. E. 1905 on top No. 63 on S. RESERVE on E. side of top with 4 notches on S. and 5 notches on E. edges of rim. Cor. of Sees. 8 and 17, heretofore described.
From the 1/4 see. cor. between Sees. 17 and 18, I run
South 0-3 7. on a random line between sees. 17 and 18. 40.62 Intersect B. and W. line, 9 lks. W. of corner of Socs. 17, 18, 19 and 20, which is a granite stone 10x8:10 ins. above ground, marked as reported by General Land Office, and witnes ed by one bearing 40.24 tree as follows: pine 20 ins. diam., bears N. 71°S., 24 lks. dist., marked T 10 H R 2 B S 18 B. T. Tochange sec. number to 17 as it should be. stone mound. To further perpotuate corner A pine 24 ins. bears S. 31°45 E., 130 lks. Lone trees a mound of stone 3 1/2 ft. base 1 1/2 ft. high, w. of corner, around post. I run Thence N. 0011! W. on a true line between Secs. 17 and 18 south half. From corner on ridges sloping W. Begin descent

Drain, course W. about 200 It. below Cor. ascend.

7.45

DC 1 34

PAYSON FOREST RESERVE BOUNDARY.

Subdivision Tp. 10 S P. 2 F.

Chains.

16.35

39.13

19.10

38.80 39.07

39.13

39.76

4,75

39.76

Top of ridge, slopes N. 70°W. descend 125 ft. to corner. 325 ft. above drain,

1/4 Sec. cor. heretofore described.

From corner of Secs. 17, 18, 19 and 20
West on a random line, between Secs. 18 and 19.
Intersect N. and S. line, 62 lks. 5. of 1/4 Sec. Corwhich is a red granite stone 6x10x10 ins. above ground, marked and witnessed as described, by Gen-

South 89°06'E, on a true line between secs. 18 and

Rase of mountain, begin steep escent.

Granito ledge, 25 ft. high, bears N. and S.

Set Iron, U. S. Perest Reserve Boundary Post No. 64,

with brass cap, 4 ft. long, 4 ins. 6iam., 3 ft. in ground, and mound of rock, for witness corner to corner of secs. 17, 18, 19 and 20, marked on cap

W. C. T 10 S S 17 on N. W.

R 2 E. S 20 cn S. E.

No. 64 on S., and RESERVE on B. and S. sides of top, with 3 notches on S. and S notches on B. edges of

Over relling beach land, through oak brush. Small drain course S. 15° W.

S 19 on S. W. S 18 on N. W.

Corner of Secs. 17, 18, 19 and 20, herotofore de-

ins. above ground, covered over with mound of stone, marked as described by General Land Office. Thence I run North 89°25'E. on a true line between secs. 18 and 19,

Corner at edge of Santaquin Creek bottom, bearing W. w. and B. W., ascending through scattering oak

Top of ascent, bears W. W. and S. E. about 75 ft.

through oak brush. 1/4 Sec. cor. heratofore described.

Thence 'over rolling bench land, gradually ascending

From the closing corner of Secs. 18 and 19, at 7 a.m.

July 19, 1905.

From the 1/4 sec. cor., between Secs. 18 and 19, I run West on a random line, between secs. 1° and 19, west

Intersect W. and W. line 41 lks. W. of closing corner of Secs. 18 and 19, which is a limestone 6x8x6

Land, mountainous.

Soil, 4th rate. No timber, oak brush heavy on N. slope, light on S. Formation, granite.

36.70 40.24

oral Land Office.

3905 on top

rim.

half.

Land, rolling. Soil, 3rd and 4th rate. No timbor, oak brush. Formation, granite.

above corner.

July 20, 1905.

acribed.

hulf.

west

brush.

Thence I run

thence along W. slope.

Regin descent, bears E. and W.

Drain in eanyon, course W., about 200 ft. below top 23.25 30.70 Ascend.

Top of ascent 125 ft. above drain, boars W. and W.,

PASON FOREST RESERVE BOUNDARY.

W. Bdy. T 10 S. R 2 W.

1.m.t., I set off 20°45'N. on the declination arc, and 39°56' N. on the latitude arc and determine Chains. a true meridian with the solar. Thence I run South on a random line between Secs. 19 and 24. Make diligent search for 10 chs.N. of this point 40.00 for 1/4 sec. corner, but find no trace. Set tempo rary corner. At this point, I set off 20°42' N. on the declination arc, and at 12^{h6m} 1.m.t., observe the sun on the meridian and obtain a reading of 39°55' N. on the latitude arc which is within 1' of the proper lati-65.50 Intersect E. and W. line, 35 lks. W. of corner of secs. 19, 24, 25 and 30, which is a limestone 4x8x10 ins. above ground, poorly set, and witnessed by three little stones H. of corner. 82.82 I reset stone and further perpetuate corner as follows:

A pine 6 ins. diam., bears S. 32°E., 103 lks.

dist., marked T 10 S R 2 E S 30, 8. T.

A pine 7 ins. diam., bears N. 76°30'W., 82 lks.

dist., marked T 10 S R 1 E S 24, 8. T. Noto: - A few scattering trees near corner. Thence I run North 0°14'W. on a true line between secs. 19 and 24. Descending N. W. slope through heavy oak brush. 23.30 Top of ridge, slopes N. 20°W. Continue descent on N. B. slope. 25.80 Side hill drain, course N. 600E. Side hill, drain, course N. E.
Set a limestone 20x10x7 ins., 15 ins. in the ground
for 1/4 sec. corner, marked 1/4 on W. face, and
raise a mound of stone 3 1/2 ft base, 1 1/2 ft. 40.20 41.41 high, W. of corner.

te:- I set 1/4 sec. corner at this point as notes Note:from General Land Office on topography near of corner of sections 18 and 19 indicate it to be corner of 13 and 24 also. I find a mound of stone 8.52 chs. N. of corner of secs. 18 and 19, but nothing to insure it being the corner for all four sections. Base of mountains, bears N. E. and S. W., thence gradual descent over beach land. 53.80 descent over bench land. Begin steep descent, bears N. E. and S. W. End of wire fence bears N. Santaquin Creek 20 lks. wide, course N. 70°W. General course N. W. 1600 ft. below corner of secs. 25, 30, 66.30 67.80 73.60 19 and 24, thence over creek bottom. re fence, bears S. and W. 70° W. Wire fence. 75.10 Canyon road, bears S. H. and N. 70°W. Leave brush E. and W. Set Iron U. S. Norest Reserve Boundary Post No. 66, 75.25 75.55 with brass cap, 4 ft. long, 4 ins. diam, 3 ft. in the ground, for road mark, marked on cap 1905 on top.of cap. No. 66 on (S. and RESERVE on W. side of top. Set Iron U. S. Forest Reserve Boundary Post No. 65, 82.76 with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground and mound of stone for witness corner to closing corner of secs. 18 and 19, marked on cap T 10 S S 18 on N. E. W. C. C. C. on E. R. 2 E S 19 on S. E. 1905 on top. No. 65 on S. RESERVE on S. E. quadrant, with 3 notches on N. and S. edges of rim. Closing corner of Secs. 18 and 19, heretofore described. 82482 Land, mountainous.

4th rate, formation, limostone.

No timber, oak brush, aspen and willow along creek.

PAYSON FOREST RESERVE BOUNDARY.

W. Bdy. T 10 S R 2 E.

From corner of secs. 19, 24, 25 and 30, I run
South on a random line, between secs. 25 and 30.
Intersect E. and W. line, 75 lks. E. of 1/4 sec. Corwhich is a limestone 20x14x6 ins. above ground, marked as described by General Land Office, but find no trace of mound of stone reported in old notes.
To further perpetuate corner, I raise a mound of stone 3 1/2 ft. base. 1 1/2 ft. high. W. of corner. Chains. 40.22 3 1/2 ft. base, 1 1/2 ft. high, W. of corner.
Thence I run
North 104 E. on a true line, between secs 25 and 30, north half. Descending through brush. 2.70 Side hill drain, course W. about 25 ft. below 1/4 32.70

sec. corner.

Thence along W. slope, gradually ascending Begin descent over H. W. slope.

Set Iron U. S. Forest Reserve Boundary Post No. 67, with brass cap, 4 ft. lone, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of Secs. 19, 24, 25 and 30, marked on cap

W. C. T. 10 S. S. 19 on H. S.

T. 2 H. S. 30 on S. E. 40.16

R 2 H., S 30 on S. E. S 25 on S. W. R 1 E., S 24 on N. W. 1905 on top, No 67 on S.

RESERVE on E. side of top with 4 notches on N. and 2 notches on S. edges of rim. Corner of Secs. 19, 24, 25 and 30, herotofore described, about 100 ft. below top of hill. From 1/4 sec. corner between secs. 25 and 30, I run 40.22 South on random line, between secs. 25 and 30, south half. At this point stop work for this day, July 20, 1905.

July 20, 1905. 27,00

July 21, 1905. At this point, at 8 a.m. 1.m.t., I set off 2003314. on the declination arc, and 3905414. on the latitude are and 322 and determine a true meridian with the solar. 40.18

Continue random line south.
Intersect E. and W. line 53 lks. W. of corner of Secs. 25, 30, 31 and 36, which is a limestone, 7x10xx10 ins. above ground, marked and witnessed as described by General Land Office. described by General Land Office.

To further perpetuate corner,

An aspen 5 ins. diam, bears H. 7°N., 48 lks.

dist., marked T 10 S R 2°E S 30 €. T.

An aspen 4 ins. diam., bear S. 22°E., 40

lks. dist., marked T 10 S K 2 E., S 517 B. T.

An aspen, 7 ins. diam., bears S. 53°V., 50 lks.

dist., marked T 10 S., R 1 N., S. 36, N. T.

A maple 5 ins. diam., bears N. 64°15°V., 60

lks. dist., marked T 10 S, R 1 E., S. 25, E. T.

Thence I run North 0°45'W. on a true line, between sees. 25 and 30. Gradually descending through aspen.

Gradually descending through asydn.

Set Iron U. S. Forest Reserve Roundary Post, No. 68, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of Secs. 25, 30, 31, and 36, marked on cap

W. C. T 10 S S 30 on H. B.

R 2 E S 31 on S. E. R 2 E S 31 on S. E. S 36 on S. W. R 1 E. S 25 on N. W. 1905 on top. No 68 on S. 11 RESERVE on E. side of top with 5 notches and 1 notch on S. edges of rim.

.06

DUN 329

68

PAYSON FOREST RESERVE BOUNDARY.

W. Bdy. T 10 S., R 2 R.

Chains.	
11.20	Small drain, course W. ascend. Top of ascent, slopes W. about 100 ft. above drain.
19.30	Descend to Small side hill drain, course S. 70°W., ascending
整件中的公	Essentation of the process tand.
24.55	Side hill drain, course S. 70°W.
38.00 40.18	Spur of ridge slopes W. descend to the first and the light and
	1/4 Sec. corner, heretofore described.
	Soil, 4th rate. Timber, aspen, oak brush.
	Formation, limestone.
	From the corner of sections 25, 30, 31 and 36, I run South on a random line, between secs. 31 and 36.
40.00	Tring no trace of 1/4 sec. corner.
	Set temporary corner. July 21st, 1905: At this point, floating clouds
83.20	subprevents observation for latitude.
90.20	Intersect 2nd. standard parallel S. 198 lks. W. of standard corner of Tps. 10 S. Rgs 1 and 2 W. I find
	corner properly marked, fallen over, and re-locate same H. 2008., 12 lks. dist., from S. W. Bearing
	tree as given by notes furnished by General Land
	Office. The corner is a limestone 24x14x6 ins., set 18 ins. in the ground, and marked 8. C. on
	H. face, with 6 grooves on N. E and W faces. Then
	I try for other bearing trace, the bearings and lengths given agreeing with stumps. Therefore to
. 1	further perpetuate corner A pine 8 ins. diam., beers N. 24°30!E., 77
	iks. dist., marked T 10 S R 2 E S31, B. T.
	A pine 6 ins. diam., bears N. 36°W., 85 lks. Decline dist., marked T 10 S R 1 E S 36, B. T.
	Note: - At a point 2.48 chs. N. and 60 lks. W. of
* *	this corner, I found what seemed to be a corner stone plainig marked on one edge with 6 notches, but
	no sign of any other marks. Stone was lying down but had seemingly been in a small mound of rock,
	I destroy marks on stone and scatter mound. From standard corner of Tps. 10 S. Rgs. 1 and 2 B.
	From standard corner of Tps. 10 S. Rgs. 1 and 2 H. North 1º21'W., on a true line between sees. 31 and 36.
	Poscending through aspen, a few pine near corner.
·` . •06 ·	Set Iron U. S. Porost Reserve Soundary Post No. 69, with hrass cap, 4 ft. long, 4 ins. diam., 3 ft. in
	ground and mound of rock, for witness corner to Stand. corner of Tps. 10 S. Rgs. 1 and 2 E., marked on cap:
	7. C. S. C. T.10 S on N.
	R 2 B S 31 on U. W.
	1905 on top.
	No. 69 on S. RESERVE on E. and S. sidos of top, with 6
13.45	Foot of descent, bears H. W. and S. E.
	Thence over rolling land, through oak brush.
32.15 32.15	Old drag road, boars N. W. and S. E. Old drag road, bears N. W. and S. E.
35.00	Bogin descent, pears we we and be me and a line and a l
41.60	Enter heavy aspen. Set a limestone 18x15x15 ins., 12 ins. in the ground for
	1/4 Sec. corner, marked 1/4 on W. face, from which
	[27][88] [3][2][2][3][4][5][4][5][5][5][5][6][6][6][6][6][6][6][6][6][6][6][6][6]
THE A	Lighter and aspen an ambient of the control of the
47.00	Foot of descent, bears N. W. and S. W. about 200 ft.

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PAYSON FOREST RESERVE BOUNDARY.

W. Bdy. T 10 S., R. 2 E.

```
Chains.
  61.70
                 Spring about 1.00 ch. W. of line, drains to N. W.
                Spring about 1.00 ch. W. of line, drains to N. W. Gradually ascend.

Top small ridge, bears N. W. and S. E. Descend about 75 ft. to

Small drain, course N. W., ascend about 40 ft. to

Top of sharp spur, slopes N. W.

Descend about 100 ft. to Sec. Cor.

Drag road, bears N. W. and S. E.

Corner of Secs. 25, 30, 31 and 36, heretofore de-
  67.20
  71.55
  73.10
  76.00
  83.80
                     scribed.
                 Tand, mountainous.
Soil, 2nd and 4th rates.
                 Timber, aspen.
                 Formation, limestone.
                                                                            July 21, 1905.
                              2nd. Standard Parallel South R 1 E.
                 July 22, 1905.
                 At the standard corner Tps. 10 S Rgs. 1 and 2 H., at
                    9 a.m., I set off 20°20'N. on the declination and and 39°54'N. on the latitude are, and determine a
                    true meridian with the solar.
                 Thence I run
                West on a random line along S. Bdy. Sec. 36. Find no trace of 1/4 sec. corner.
  40.00
                 Set temperary corner.
                 Intersect N. and S. line 20 lks. N. of standard cor. of Secs. 35 and 36, which is a limestone 14x10ins. X5 ins. above ground marked and witnessed as described by
  79.40
                    Conoral Land Office.
                 Thence J run
                 H.69°51'F. on a true line along S. boundary, Sec. 36.
                 Along top of N. clope through oak brush from corner at N. side of small basin or dry lake.

Bogin descent, boors N. 80° W. and S. 80°E. (Xxxx xxxx)
   2.00
                    Lakkens rang.)
                 Drain, course N. W. (Drug trail follows same) about 125 ft. below cerner ascend.
   6.50
                 Point of ever elepen G. about 100 ft. above drain,
  12.50
                     កំនុង២០១៧ •
  18.00
20.75
                 Same Brain, course S. W., ascend. Same Brag road, beers W. E. and S. W.
                 Top of spur, slopes H. W. about 250 ft. above drain thence along broken H. W. slope ascending.
  35.00
                 Enter aspen, bears N. and S.
  38.00
  39.50
39.70
                 Small arein, course H.
                 Set a limestone 24x16x6 ins., 20 ins. in the cr und, for standard 1/4 sec. corner marked S. C. 1/4 on
                An aspen 5 inc. diam, bears N. 24°E., 7 lks. dist., merked S. C. 1/4 S 36 B. T.

An aspen 6 ins. diam., bears N. 60°30' W.,26

lks. dist., merked S. C. 1/4 S 36 B. T.

Small drain, course N. 20°W.
Old drag road, bears N. 60°W. and S. 60°W.

Drain, course N. W.

Drain, course N. C0°W.

Small ridge. slores N. 60°W.
  45.70
  48.00
  73.50
64.70
                 Small ridge, alores N. 60°%.
  67.00
                 Drain, course N. 60°W., ascend 250 ft. to cerner.
Etandard corner of Tps. 10 S. Rgs. 1 and 2 R., here-
  69.75
  79.40
                     toforo described.
                 This corner is about 600 ft. above standard 1/4 sec.
                     corner.
                 Lend, meundainous.
Soil, 3rd rate.
                 Timber, sapen, oak brush.
Formation, limostone.
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PAYSON FOREST RESERVE BOUNDARY.

2nd Standard Parallel South R. 1 E.

At the standard corner of secs. 35 and 36, I set off 20019 N. on the declination are and at 12hcml.m.t. Chains. observe the sun on the meridian and obtain a reading of 30°54'N. on the latitude arc, which is within 1' of the proper latitude. Thence I run West on a random line along S. boundary, Sec. 35.
I find stone as described, a limestone 14x10x5 ins., 40.12 lying on top of ground about 50 ft. north, S. W. boaring troc remains standing, N. W. tree has been out. I reestablish corner as follows:
At a point N. 72°15' E., 25 lks. dist. from S. W. tree I Set same stone, limestone 14x10x5ins., 12 ins. in ground for standard 1/4 sec. cor., and take a new bearing tree A cedar, 12ins. diam., boars N. 42°15'V. 30 lks. dist., marked S. C. 1/4 S 35, 8. T. My intersection after corner is reestablished is 10 lks. S. Thence I run South 89°51'3. on a true line along S. Bdy., Sec. 35, east half. Ascending through scattering scrub codar. 7.10 Leave scattering cedar and enter oak brush, bears M. and S. Top of ascent, bears W. and S. about 300 ft. above 1/4 sec. corner. Thence over rough rolling land. 13.95 Small drain, course N. B. ascend about 50 ft. to 20.60 Top of ascent slores W., and descend about 100 ft. 25.60 to corner.
Set Iron U. S. Forest Reserve Boundary Pest No. 70, with a brass cap, 4 ft. long, 4 ins. diam., 3 ft. In ground for witness corner to standard corner of 40.06 Secs. 35 and 36, marked on cap W. C. T 10 S S 36 on H. S 36 on M. E. S. C. on N. B J R. S 38 E. 2 35 on H. W. 1905 on top. No. 70 and RESERVE on S/ sides of top with I notch on Cor. Tros Rand 5 notches on W. edges of rim.
From the standard 1/4 sec. (for between focs. 35 and 40:12 2, thence I run West on a random line, along G. Bdy. Sec. 35, west half. Intersect W. and J. line, 80 lks. S. of closing corner of secs. 2 and 3, Tp. 11 S. R 1 B., which is floundary Post Wo. 1, as described by Mr. Wolker. 37.06 Thence I run South 86°46'E. on a true line along S. Bdy. Sec. 34, Gradually ascending through scattering clump of oak brush. Drag road, boars N. 30°W. and S. 30° E. Branch, 5 lks. wide, course N. 30°W. Foot of mountain, begin steep ascent. Point of spur, slopes N. W. Enter scattering cedar, boars N. and S. Small drain, course S. W. west half. 4.05 5.80 11.00 30.50 32.30 1/4 sec. corner, heretofore described, about 500 ft. above closing corner. 37.06 Land, mountainous. Soil, 4th rate. Timber, cedar, oak brush. Formation, limestone. July 22nd, 1905. B. Joy, U. S. Surveyor.

FINAL OATHS OF **选栏型** SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

irection; and that said surve faithfully surveyed, and the the thirted States Surveyor. Chainman. Chainman. Moundman. Armunar. Axman. Flagman. Axcman. S. Surveyor.	Jno. I	the best of our knowledged, according to the ins U. S. Geologica.	in all respects, nonuments estable of Movemb
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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR

` I, <u>`</u>	Jno. P. Wa	orde				Deputy Survey
solemnly swear United States St	that, in pursuan	ce of a contra	act received from S. Geold	om. gioal S	ir ve y	, bearing date o
24th	lay of	ine 💥 🔻	114 × 190 €	I have well	faithfully.	and truly, in my
proper person, a General for	and in strict cor	formity with	the instruction	ons furnishe	d by the U	nited States
United States, s	urveyed all thos	se parts or po	rtions of	аувон Т	rest He	ns, and the laws of
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General for	eological	Survey and	l in the specific	manner de	scribed in the	ne field notes, and
the foregoing ar	e the original fie	éld notes of s	uch survey.	,	-	
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	Jno 1	P Walker		, ·		
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Director U.S. Geological

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES. A list of the names of the individuals employed by United States DéputysSurveyor, to assist in running, measuring, and Ferest Recerve Boundary Lines, Utah, as surveyed by him. g the respective capacities in which they acted: une Kendall Chainman. ans. A. Christonson , Chainman. . R. Kendell , Moundman. Moundman. arold.Pypor 👑 ..., Axman. . P. Carnatt , Axman. . R. Myde..... FINAL OATH OF ASSISTANTS., United States Deputy/Surveyor, in surveying all arts or portions of the. The sen Test to Newscree Porndony Tines, With Utah, appeared in these field notes as surveyed by him. meridian, CState of Utoh al: e which are represented oregoing field notes as having been surveyed by him and under his direction; and that said survey m in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the monuments established, according to the instructions furnished by the United States Surveyor25 Mark Director, N. S. Coolegical Curves une Fondi-3.1 , Chainman. und / . Thr Litinson . K. Kendari., Moundman. arold.Pyper . R. Tyde

F. '. Jey

U. C. Surveyor.

bed and sworn to before me this, 22nd)

7 of July, 190 5

FINAL OATH OF UNITED STATES S

solemnly awear that, in pursuance of accordant resolved United States for veyor remark to z U. 2. 1301	from the threaten
day of Tune	I have well; faithfully, sad
proper person, and in strict conformity with the instru	ctions furnished by the United
Geological Survey the Manu	al of Surveying Instructions, as
United States, surveyed all those parts or portions of	the Parcet
Roundary Lines, Utah, os embedied in	thune finic notes (4)
by	
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foregoing field notes as having been surveyed by me, ar swear that all the corners of said survey have been esta	
the Manual of Surveying Instructions, and the special w	
Characterxxxx Coclosical auryand in the spe	cific manner described in the fie
the foregoing are the original field notes of such survey	· [1] [2] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4
The state of the s	
	United States
Subscribed by said F. Toy and	도 하면가 하나 하는 101) 세 60000
this 31st day of 3214	1900 5
	Jacob Coleman
OCCOCC S HEAL	Clark, Fifth F
APPRO	
OFFICE OF THE UNITED STATE	SSURVEYORAGENERAEXXXX
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under his confront No. Off 15, dated	axplanations made, the said fine ir not or united State notes of the above described su
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FIELD NOTES

OF THE SURVEY OF THE

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Of the Salt Lake Ease and Meridian	' ,
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AS SURVEYED BY	
F. E. Joy., United States Dep	nuty: Surveyor,
r his Contract Noorders, dated	
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y completediovember 3	
C-161	·

NAMES AND DUTIES OF ASSISTANTS

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Volume # R0329

INDEX DIAGRAM.

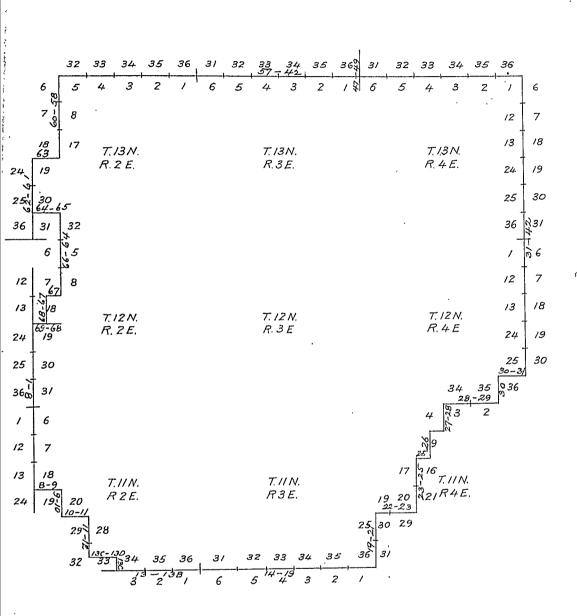
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Meanders Page......



PRELIMINARY OATHS OF ASSISTANTS. WE, D. D. Toncray, Geo. M. Anderson, Peter Anderson and

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ا ا غیم جیرور		SEAL (Surveyor.
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أيه بالمتأثير				L. B. Cole	
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INDEX TO LOGAN FOREST RESERVE NOTES

E. Bdy. T. 12 H., R. 1 E.

Survey commenced July 28, 1904, and executed with a Young & Son's light mountain transit, No. 6836, with Smith solar attachment. The horizontal Chains. limb is provided with two opposite verniers reading to single minutes of arc, which is also the least count of the latitude and declination arcs. I begin at a cornor supposed to be the corner of secs. 25, 30, 31 and 36, T. 12 N., Rs. 1 and 2 E. In order to test the solar apparatus by comparing the results of observation on the sun made during a.m. and p.m. hours, with a true meridian determined by observations on Polaris, I proceed as follows:
At 11h03m by my watch, which agrees with local mean time, I observe Polaris at eastern clongation, in accordance with instructions in the Hanual, and mark the line thus determined by cutting a mark on a wooden peg set firmly in the ground 5.00 chs. H. of my station. July 28, 1904. July 29: At 8 a.m. I turn the azimuth of Polaris 1°56' to the west and mark the line thus established by setting a plug in the ground and driving a tack on line in plug. At 9 a.m. I set off 18°46' H. on the declination are and determine a true meridian with the solar, which I find agrees with the true meridian established last night. Note: After having run from the corner I above mentioned I find that it is a corner set by local surveyors, therefore I go to the corner of secs. 24, 19, 25 and 30, T.11 N., Rs. 1 and 2 M., and retrace the line.

From the corner of secs. 19, 24, 25 and 30, T. 11

N., Rs. 1 and 2 E., which is a limestone 6x10x12 ins. above ground, narked and witnessed as described by the General Land Office, I run North 0°15' W. July 29, 1904.
August 30: At 10 a.m. I set off 9° N. on the declination are and 41°39° N. on the latitude are, and determine a true neridian with the solar. Thence I min N. 0°15' 7. on a random line, between secs. 19 and 24. 40.00 soc. corner between secs. 19 and 24 is not found after diligent search. 80.00 Find no trace of corner of secs. 15, 18, 19 and 24. Find no trace of $\frac{1}{2}$ sec. corner between secs. 13 and 120.00 Find no trace of corner of socs. 7, 12, 13 and 18. Find no trace of 2 sec. corner between socs. 7 and D60.00 200.00 240.00 Findno trace of corner of secs. 1, 6, 7 and 12. Find no trace of & sec. corner between secs. I and 280.00 Find no trace of corner of Tps. 11 and 12 H., Rs. \$20.00 l and 2 E., after diligent search, therefore I continue M. 0°15' W. on random line along east boundary of T. 12 R., R. 1 E., between secs. 31 and 36. Find no trace of { sec. corner between secs. 51 \$60.00 and 36.

Find no trace of corner of secs. 25, 30, 31 and 36. Find no trace of 1 sec. corner between secs. 25 and

400.00

LOGAH FOREST RUSERVE BOUNDARY.

E. Bdy. T. 12 R., R. 1 E.

```
Chaing.
                Find no trace of corner of secs. 19, 24, 25 and 30. Find no trace of { sec. corner between secs. 19.
480.00
520.00
                    and 24.
560.00
                Find no trace of corner of secs. 13, 18, 19 and
600.00
                Find no trace of ? sec. corner between secs. 13
                    and 18.
                Find the stone to the corner of secs. 7, 12, 13 and 18 laying on top of the ground, but can not
655.40
                determine the exact location for it, therefore I continue N: 0°15' W. on random.

Find no trace of 2 sec corner between secs. 7 and
680.00
                    12.
735.40
                Intersect E. and T. line 3 lks. T. of corner of
                    secs. 1, 6, 7 and 12, which is a stone 6x8x10 ins.
X gran out.
                    above ground, marked and witnessed as described
                   by the General Land Office. The length corresponds to a correction of 1.71 chs. per mile. Latitude 41°46'44N; longitude 111°47'07W. Magnetic declination 18°10' E.
                                        August 30, 190
At 8 a.m. I set off 7°57' R. on the
                Septembor 2:
                    declination are and 41°48' H. on the latitude
                    are and determine a true moridian with the solar
                    at the corner of secs. 1, 6, 7 and 12, T. 12 N.,
                    Rs. 1 and 2 E., heretofore described.
                Thence I run
                South 0°15' E. on a true line, between secs. 7 and 12, over heavy rolling land in prairie.
Set a flint stone 26x20x6 ins., 18 ins. in the
 40.85計
                   ground, for a sec. corner, marked a on W. face; raise a mound of stone, 2 ft. base, 13 ft. high,
                   W. of corner. Pits impracticable.
                Set a limestone 20x12x4 ins., 15 ins. in the ground, for corner of secs. 7, 12, 13 and 18, marked with 2 notches on N. and 4 notches on S. edges; raise a nound of stone, 2 ft. base, 1; ft. high, 7. of
 81.71
                                  Pits impracticable.
                    corner.
                Land, heavy rolling.
                Soil, 2nd and 4th rate.
                No timber.
                Formation, gravelly.
                S. 0°15' E. on a true line, between secs. 13 and 18, over rolling prairie.
               Head of drain, course ".

Begin descent, bears E. and ".

Drain, course "., foot of 40-foot descent. Ascend.

Top of ridge, bears E. and "., 50 ft. above drain.

Descend 50 ft. to
   5.20
 25.00
 29.00
 35.00
                Set flint stone 20x12x10 ins., 15 ins. in the ground, for a sec corner marked a on W. face; raise a mound of stone, 2 ft. base, 14 ft. high, W. of corner; thence gradually ascend on broken west slope 100 ft. to
 40.85출
                Set boundary post No. 1, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for corner of secs. 13, 16, 19
 81.71
                    and 24, nerked on cap
                   T 12 N S 18 on N. E/ quadrant R 2 E S 19 on S. E. quadrant
                   S 24 on S. W. quadrant
S 15 on N. W. quadrant, and
RESERVE on S. E. quadrant, and No. 1 on south side
of top, with 5 notches on N. and S. edges of rim.
```

from which

and the commence of the state of the contraction of the

E. Bdy. F. 12 H., R. 1 V.

A coder, 4 ins. diam., boars S. 65°40' E. 253 lks. dist., marked T 12 H R 2 H S 19 D 2 A coder, 4 ins. diam., boars S. 19°50' W., 164 lks. dist., marked T 12 H R 1 H S 24 D 2 A coder, 6 ins. diam., boars R. 9°50' W. 078 lks. dist., marked T 12 N R 1 H S 10 B 2 H0 other trops within limits. dis mits 18×18× Chains No other trees within limits; dig pits 18x18x 12 ins., 5% ft. dist., in sec. 18.
Note: A few scattering coders around corner. Land, rough and broken. Soil, gravelly, 4th rate. No timber; sage bruch 80.00 chs. S. 0°15' E. botween sees. 19 and 24; ascending gradually along W. slope.

Top of spur, 50 ft. above see. corner, boars K. E. and G. W.; descond. 6.50 Foot of 200-foot descent; thence over level land in 21.00 Green Canyon. Drain, course 5. 60° W. Set boundary rostano. 2, which is an Iron post with brass cap. 4 ft. long. 4 ins. diam., 2 ft. 25.50 26.09 in the ground, narked on cap No. 2 on S. and RESERVE on E. half of cap; raise a round of stone 2 ft. base, ly ft. high, around post. Begin ascent. Set a limestone 24x12x8 ins., 18 ins. in the ground for 2 sec. corner, marked 2 on 7. face; raise a mount of stone, 2 ft. base, 12 ft. high. 7. of 40.85% corner. Top of ridge, bears 7. and 7., 150 ft. above can-yon; descend 100 ft. to Drain, course 7.; accord 100 ft to Top of spur slopes 7., 100 ft. above drain. 41.50 45.50 49.60 Doscend 75 ft. to
Drain, course ". Ascend 550 ft. to
Top of spur clopes V. Descend.
Set Doundary 'est No. 3, which is an iron post,
with brase cap, 4 ft. long, 4 inc. diam., 5 ft. 56.50 74.50 31.71 in nound of stone, for corner of secs. 19, 26, 25 and 50, nurked on cap 2 12 H S 19 on h. H. R 2 R, S. 50 on S. E. 5 25 on S. RIE 8 24 on E. T. No. 3 on S., and
RESERVE on E. sides of top, with 4 notenes on
N. and 2 notenes on G. odges of cap, from which
A codar, 12 ins. diam., boars R. 63°20' E., 24
Lks. dist., marked F 12 N R 2 N S 19 B T
A codar, 12 ins. diam., bears S. 60°30' E., 46
Lks. dist., marked F 12 N R 2 N S 30 B T
coder 16 ins. diam., bears S. 52°10' W., 53 A coder, 16 ins. dian., bears S. 52°10' W., 50 lks. dist., marked T 12 H R 1 E S 25 B T A coder, 4 lns. dian., bears H. 35°40' W., 58 lks. dist., marked T 12 H R 1 E S 24 B T Note: Scattering sorth cedar near corner. Land, nountainque. Soil, stony, 4th rate. Timber, serub coder. Formation, Linestone.

I got off 7°55' K. on the doclination are and at 12h02h by my watch observe the sun on the neridian and obtain a reading of 41°45' on the latitude

	E. Bdy. T. 12 R., R. 1 E.
Chains.	Thence I run S. 0°15' E. between secs. 25 and 30: descending
3.60	through scattering cedar. Drain, course W., 150 ft. below top of ridge; ascend 200 ft. to
7.80 13.90 26.80 39.30 40.85½	Top of ridge, bears E. and W. Descend 100 ft. to Drain, course W.; ascend 250 ft. to Top of ridge, bears E. and W. descend. Drain, course W., 100 ft. below ridge; ascend. Set limestone 20x12x10 ins., 15 ins. in the ground, for \$\frac{1}{2}\$ sec. corner, marked \$\frac{1}{2}\$ on W. face; raise a mound of stone, 2 ft. base, \$\frac{1}{2}\$ ft. high, west of
47.80	corner; pits impracticable. Top of ridge, slopes W., 150 ft. above drain; thence along W. slope to
52.80 68.30 71.50 81.71	Begin descent, boars I. E. and S. W. Head of drain, course S. W. Prospect hole, bears E., about 130 chs. dist. Set Boundary Post No. 4, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in mound of stone, for corner of secs. 25, 30, 31 and 36, marked on cap I 12 N S 30 on N. E. R. 2 E. S 31 on S. E. S 36 on S. W. R 1 E S 25 on N. W. No. 4 on S., and RESERVE on E. sides of top, from which A cedar, 8 ins. diam., bears N. 65° E., 109 lks. dist., marked T 12 N R 2 E S 30 B T A cedar, 14 ins. diam., bears S. 30°45' E., 58 lks. dist., marked T 12 N R 2 E S 31 B T A cedar, 5 ins. diam., bears S. 25°50 W., 58 lks. dist., marked T 12 N R 1 E S 36 B T A cedar, 6 ins. diam., bcars N. 28°50' W., 72 lks. dist., marked T 12 N R 1 E S 35 B T This corner stands 1.30 chs. west of a stone corner set by local surveyors for northoast corner of sec. 36, about 1000 ft. below top of ridge. Land, mountainous. Soil, 4th rate. Timber, scrub cedar. Formation, limestone.
6.70 7.30 7.90 10.80 12.90 13.21	September 3: S. 0°15' E. between secs. 31 and 36, descending through scrub cedar. At 9 a.m. I set off 7°34' N. on the declination are and 41°44' on the latitude are and determine a true meridian with the solar. Bluff about 50 ft. high, bears N. W. and S. E. Herculos Power Co. ditch, bears N. W. and S. E., soon W. Irrigating ditch, bears N. 60° W. and S. 60° E. Logan River, 1 ch. wide, course N. W., general course W., 300 ft. below corner. Road bears N. 60° W. and S. 60° E., between Cache Valley and Bear Lake. Set Boundary Post No. 5, an iron post, with brass cap 4 ft. long, 4 ins, diam., 3 ft. in the ground, marked on cap No. 5 on S. and

No. 5 on S. and
RESERVE on E. sides of top. Begin ascent.
25.00
Ascend over rock bluffs, bearing E. and T.
True point for 2 corner falls among rocky bluffs, therefore at

E. Ddy. F. 12 H.: R. 1 E.

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Chains.
                Set a limestone 24x12x8 ins., 18 ins. in the ground for witness corner to a sec. corner, narked W C & on W. fact, from which
55.65
                           A fir. 14 Inc. dign., bears H. 78°40' E., 125
Iks. dist., marked W C & S EL B F
                A fir, 12 ins. diam., bears N. 41°30° W., 114
Lks. dist., marked W C & S 36 B M
Top of ascent, bears E. and W., about 1400 ft.
above Logan River. Dogin descent south slope.
Foot of descent, bears E. and W., 700 ft. below top.
Dry drain, course W.; this canyon is called Dry
78.50
79.50
                     Canyon.
                 Set Boundary Post No. 6, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 35 ft. in nound of stone, for corner of Tps. 11 and 12
81.71
                        .. To. I and 2 E., marked on cap
12 H S S1 on H. H.
                     T 2 S S 6 on S. S.
T 11 K S 1 on S. V.
R 1 E S 36 on K. V.
                     Bo. 6 on S., and
                     REMERVE on E. sides of top, and 6 notches on
                edge rim, from which

A fir, 4 ins. diam., bears S. 70°45' E., 75

Iks. dist., marked T IL N R 2 E S 6 B T

A codar, 4 ins. diam., bears H. 28°20' W., 415

Iks. dist., marked T 12 K R I E S 36 B T

A limestone rock lowext ft. above ground, marked with cross (+), bears I. 42°08' E., 40 lks. dist.

No other trees within limits.
                                                                                                                   413
                 Land, mountainous.
                 soil, 4th mate, moly.
                 Timber, nomb jodar, spruce and fir, scattering.
                 Formation, linestone.
      +
                                            H. Bay. T. 11 11., R. 1 B.
                 M the corner of Tps. 11 and 12 H., Is. 1 and 2 E., I set off 7°51' H. on the declination are and at 12hogn observe the sun on the meridian and obtain a reading of 41°45' on the latitude are.
                  Thence I run
S. 0°18' E. between poes. I and 6, appending from
                     Dry Canyon, through scattering timber.
                 Dry drain, course I. 10° E.
Lincatone ledge, 10 ft. high, bears E. and V.; enter heavy timber, bears E. and V.
Sede drain, course I. 10° V.
 20.30
 27.50
 35.50
                  Set a linestone Rex12x6 ins., 15 ins. in the ground, for a see. corner, marked t on W. face, from
 40.85
                      which
                            A fir 10 ins. diam., bears R. 87°50' B., 156
lks. dist., marked & S 6 B T
                  A fir 6 ins. diam., boars N. 07°50' W., 94
lks. dist., marked ? S 1 B T
heave timber, bears N. and W.; continue through
41.00
                  scattering, also top of ridge, 1300 ft. above Dry Canyon, beers H. and W. Descend. Dry drain, course W., 250 ft. below top of ridge.
  56.00
                  Tor of ridge, bears H. and 7., 200 ft. above drain,
  63.80
                       doscond.
                   Drain, course H. W., 200 ft. below top of midge;
  73.60
                  For of low ridgo, bears H. 75° W. and S. 75° E.
  78.80
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Doscond.

E. Pay. T. 11 N., R. 1 E.

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Chains
81.71
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6.50

15.00

30.00

36.30

36,40

47.50

55.20

66.00

81.30

81.71

40.853

Set Boundary Post No. 7, which is an iron post, with brass cap. 4 ft. long, 4 ins. diam., 34 ft. in mound of stone, for corner of secs. 1, 6, 7 and 12. Marked on cap T 11 H S 6 on N.P. R 2 E S 7 on S. E. S 12 on S. W. R 1 E S 1 on N. W.

No. 7 on S., and

RESERVE on E. sides of top, and I noteh in H. and 5 notches in S. edgo of rim, from which

A mahogany, 5 ins. diam., bears N. 15°40' E., 73 lks. dist., marked T 11 N R 2 E S 6 B T A rahogany, 5 ins. diam., bears S. 74° E., 163 lks. dist., marked T 11 N R 2 E S 7

A mahogany, 10 ins. diem., bears S. . 5 46 lks. dist., marked T 11 H T 1 E .5°45' W.,

A mahogany, 6 inst diam., bears N. 27°45' W., 52 lkg. dist., marked T ll N R l E S l B T

Land, nountainous.

Soll, 4th reso, stony. Timber, appues, Lir, semb sedar and nabogany. Formation, linestone.

Sentember 3. 1904

September 4: At the corner of secs. 1, 6, 7 and 12 at 3 a.m., I set off 7° 14' N. on the declination are and 41°42' on the latitude are and detornine a true moridian with the solar. Thence I min S. 0°15' E., between sees. 7 and 12, descending

through scattering timber. Drain, course T., 100 ft. below top of ridgo:

ascond. Top of ridge, bears E. and W., 200 ft. above ridge. descend S. W. slope.
Line stone lodge, bears E. and W., 40 ft. high.

Brain, course "., 450 ft. below top of ridge;

ancond. Drag road, bears E. and T.

Sot a limestone 22x12x6 ins., 17 ins. in the ground, for a sec corner, marked a on W. face; from Talch

A fir. 6 ins: diam., boars S. 80°40' E., 172 lks. dist., marked & S. 7 B T A fir. 4 ins: diam., boars N. 3°10' W., 76 lks. dist., marked & S. 12 B T

Floating clouds provent noon observation for

Latinuan. Top of ridge, bears N. 70° V. and S. 70° E., 450

Descond to Ît. abovo drain. Drain, course S. 65° W., 200 ft. below top of ridge;

ascend H. W. slope.
Ridge, 250 ft. above drain, bears H. and W.;
descend S. W. slope.
Drain, course S. 65° W., 150 ft. below top of ridge,

ascond H. slope.

Sot Boundary Rost Ho. 8, which is an iron post with brass cap. 4 ft. long. 4 ins. diam., 3 ft. in the ground, for corner of sees. 7, 12, 13 and

18. marked on cap T 11 N S 7 on N. E. T 2 N S 18 on S. E.

S 13 on 8. 7.

MOGAH FORTS ATTERVE BOUNDARY.

E. Bdy. T. 11 E., R. 1 E.

Chains 8 18 on N. T. RIE No. 8 on S., and RESERVE on E. sidos of top, with 2 notches on H. and 4 notches on G. edges of rim, from which; A nahogany, 12 inst diam., bears H. 60°10' E., 189 lks. diat., marked F 11 H E 2 E S 7 A mahogany, S ins. diam., bears 3. 65°10' R., 156 lks. dist., marked E ll H R 2 R S 18 A fir, 10 ins. diam., bears S. 28°25' W., 54 lks. dist., marked F 11 H R 1 E S 15 B 2 A nahogany, 6 ins. diam., bears H. 56°25' W., 45 lks. dist., marked F 11 H R 1 E S 12 B Land, mountainous. Soil, 4th rate. Timber, spruce, nahogany and coder. Formation, linestone. September 4. 1904. September 5: At 8.30 a.m. I set off 6°50' H. on the declination are and 41°41' on the latitude are and actomine a true meridian with the solar, at the corner of secs. 7, 12, 13 and 18.
Thence I run Thomas I מוודי S. 0°15' E., between sees. 15 and 18, ascending H. slope, through scattering thater.

For of ridge, bears T. and T., 150 ft. above drain.

Descend S. T. slope over rough broken ledges. 4.50 Loave ledges, bears T. and T., continue descent, 37.00 south alone. south slope.
Set a linestene 24x12x8 ins., 18 ins. in ground, for a sec. corner, parked on 7. face, from which;
A codar, 12 inst diam., bears H. 79°30° E.,
130 lks. dist., marked of 5 l8 B T
A codar, 7 ins. diam., bears 8. 26°40° T., 60
lks. dist., marked of 15 B E

Set Boundary Post No. 9, which is an iron post,
with brass cap. 4 ft. long, 4 inst diam., 5 ft.
in the ground, marked on cap
No. 9 on south and
TESELVE on east side of top. 40.85% 56.62 MESSAVE on east side of top. Providence Canyon read to Linestone quarry, beers 57.00 E. and ". Providence Greek, 12 1ks. wide, course W., 1250 ft. 56.40 below top of ridge; ascend A. slope.

Set a limestone Eckliks ins., 15 ins. in the ground, for corner of sees. 13, 18, 19 and 24, marked with 3 notches on H. and S. edges, from which; A fir. 7 ins. diam., bears H. 43° E., 189 lits. dist., marked I II H. R. 2 E. S. 18 B. W. A spruce, 10 ins. diam., bears S. 49°05' E., 32 lks. dist., marked I II H. R. 2 E. S. 19 81.71 A spruce, 8 ins. diam., bears S. 45°15' W., 4 lks. dist., marked F ll N R l E S 24 B T A fir, 8 ins. diam., bears N. 80°50' W., 51 lks. dist., marked T ll N R l E S 15 B 9 Land, nountainous. Soil, 4th rate. Timber, spruce and fir, scattering coder and mahog-

> At the corner of secs. 13, 16, 19 and 24 f set off 6,47 K. on the declination are and at 12h 1-m.t. observe the sun on the northlan and obtain a

eny.

<u>U</u>.

LOGAH POWEST RESTRUCT BOUNDARY.

M. Bdy. W. 11 N., R. 1 R.

Chains. reading of 41°40' on the latitude arc. Thongo I run
S. 0°15' E. on a true line between sees. 19 and 24,
ascending through scattering timber. Top of ridge, bears H. 70° W. and S. 70° E., 900 2.70 It. above creek. Descond S. W. slope. Dry drain, course I. W. 12.20 15.00 Dry road parallel with drain, 50 ft. below top of riaso. Ascend. Make diligent search for closing corner of sees.
18 and 19, but fail to find any traces of same.
Set a limestone 20x8x6 ins., 15 ins. in the ground,
for i see. corner, marked i on 7. face, from 17.00 40.853 which: A spruce, 15 ins. diam., bears 5. 70°40' E., 56 lks. dist., marked & S 19 B T
A fir, 8 ins. diam., bears 5. 45° 7., 48 lks. dist., marked & S 24 B T

Top of ridge 1100 ft. above drain, bears H. W. and S. E.; descend and leave timber, bears H. W. and 56.20 Hoad of drain, sourse W., 50 ft. below top of ridge; ascend H. W. slope.

Top of ridge, 50 ft. above drain, bears H. B. and 64.60 68.70 S. W. Descend S. E. slope.
The corner of sees. 19, 24, 25 and 30, which is a linestone 6xl0xl2 ins. above ground, marked and witnessed as described by the General Land Of-81.71 fico. Land, mountainous. Soil, 4th ratio. Timber, spruce, fir and nanogany. Formation, Limentone. September 5, 1904. Note: After thorough search I fail to find closing corner of sees. 18 and 19, 7. 11 H., R. 2 E., therefore I go to the corner of sees. 17, 18, 19 and 20. for a new starting point. SUBSTITUTE OF T. 11 N., R. 2 E. ingust 20: At 8.30 a.m., I not off 12°29' H. on the loolingtion are and 41°40' on the Lotitude are and determine a true moridian with the solar at the corner of secs. 17, 18, 19 and 20, T. II H., R.2 E. which is a limestone 2x4x10 ins., above ground, nursed and witnessed as described by the General In order to farther in rove corner land Office. I nark an aspon, 8 ths: diam., bears H. 59°15' W., 118 lks. dist., T'll H R 2 E S 18 B T Thenco I run West between sees. 16 and 19, through dense undergrowth, along N. Blope.
Slope changes to W., descend 100 ft. to
Drain, course D. W. Ascend.
Fop of ascent slopes N. W., 100 ft. above drain. 5.50 13.50 20.50 Dosoond. Hoad of drain, course N. 30° W., 250 ft. below top. 33.00 abcend. Sot a limestone 18x14x6 ins., 14 ins. in the ground, for 2 sec. corner, marked 2 on N. face, from which A spruce, 12 ins. diam., bears H. 25° H., 52 lks. dist., marked 2 S B T 40.00 A pine, 12 ins. diam., boars 3. 62°50' E.. 61 lks. dist., marked & S B T Hoto: I find no trace of old & section corner.

T. 11 K., R. 2 E.

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Chains
               Top of ridge, bears N. 80° W. and S. 80° E., 200 ft. above drain; descend S. W. slope, 500 ft. to enter prairie, bears N. W. and N. N.
43.50
               Drain and drag road, course N. 7.; thence ascend 75 ft.; leave prairie, bears N. 7. and S. E.
68.30
73.64
                Intersect west boundary of township 20.72 chs. south of corner of secs. 15 and 24. F. 11 h.
                    R. 1 E., heretofore described, at which point
                I set Boundary Post No. 10, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 2 ft. in the ground, for closing corner of secs. 18
                    and 19, marked
                    T 11 N S 18 on N. E.
                    R 2 E S 19 on S. E.
                    C. C on east
                    No. 10 on S., and
                    RESERVE on east sides of top and 3 notches on
                   H. and S. odges of rin, from which
A maple, 6 ins. diam., bears N. 75° N., 44
lks. dist., marked T 11 N R 2 E S 18 B F
A spruce, 12 ins. diam., bears S. 68°30' E.,
62 lks. dist., marked T 11 N R 2 E S 19 B T
                Land., mountainous.
                Soil, 4th rate, gravel. Timber, spruce, aspen and some maple.
                Undergrowth, aspen, villow and bear brush.
                I set off 12°25' H. on the declination are, and at 12h02m 1.n.t., observe the sun on the neridian and obtain a reading of 41°40' on the latitude are at the corner of secs. 17, 18, 19 and 20.
               Thence I run
               S. 0°04' E. on a random line between secs. 19 and
                   go.
               No trace of & sec. corner found; set temporary
40.00
                  d sec. corner.
               Intersect E. and W. line 123 lks. west of corner of sees. 19, 20, 29 and 30, which is a sandstone
79.60
                   5x6x8 ins., above ground, marked and witnessed
                   as described by the General Land Office.
               Thence I run
N. 0°57' W. on a true line between secs. 19 and 20;
                   ascending S. W. slope through dense undergrowth.
              ascending 8. W. slope through dense undergrowth. Head of drain, course 8. W. Head of drain, course 8. W.; leave dense undergrowth, bears E. and W.; thence in prairie. Top of ridge, slopes W., 375 ft. above corner; descend through aspen thicket, bears E. and W. Set limestone 17x12x8 ins., 12 ins. in the ground, for 2 sec. corner, marked 2 on W. face, from which
13.50
20.00
35.50
39.80
                  which
                        A sprace, 10 ins. diam., bears H. 46° E., 125 lks. dist., marked & S 20 B F
                        No other trees of suitable size within limits;
               raise a mound of stone, 2% ft. base, 1% ft. high, west of corner.

Drain, course W., 100 ft. below top of ridge;
49.50
                   ascend.
               Leave aspen thicket, bears E. and W. Top of ridge, bears W. 70° W. and S. 70° E., 150
50.00
62.50
                   ft. above drain; descend 800 ft. through thicket
               Set Boundary Post No. 11, which is an iron post, with brass cap. 4 ft. long, 4 ins. diam., 5 ft. in the ground, for witness corner to secs. 17, 18,
79.54
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19 and 20, marked on cap

LOGAL FOREST RESERVE BOUNDARY.

T. 11 R., R. 2 📂

,	·
Chains	T 11 N S 17 W C on N. F.
	R 2 E S 20 on S. E.
1	S 19 on S. W. S 18 on N. W.
	No. 11 on S. and
	RESERVE on N. and T. sides of top, with 5 notches
	on E. and 3 notches on E. edges of rim.
79.60	Corner of secs. 17, 18, 19 and 20, heretofore des-
	cribed. Land, mountainous.
,	Soia, 4th rate.
_	Timber, scattering spruce and aspen.
	Undergrowth, aspen and willow.
	Formation, limestone.
	August 20, 1904.
	August 24: At 10 a.m., I set off 11°06' N. on the
	declination are and 41:40° on the latitude are
,	and determine a true meridian with the solar
	at the corner of secs. 19, 20, 29 and 30. Thence I run
	N. 89°54' E. on a random line between secs. 20 and
	29.
40.08	Intersect N. and S. line 42 lks. N. of $\frac{1}{4}$ sec. cor-
,	ner, which is a sandstone 3x6x8 ins. above ground
	marked and witnessed as described by the General Land Office.
٠,	Thence I run
	N. 89°30' W. on a true line between secs. 20 and 29
	west half. Descending S. W. slope through aspen
2.00	thicket. Leave thicket, bears W. and S., enter prairie.
8.00	Leave prairie, enter thicket, bears N. W. and S. E.
22.00	Head of drain, course S. W.
31.60	Head of drain, course S. E.
40.08	Set Boundary Post No. 12, which is an iron post
	with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground and stone mound, for witness cor-
*	ner to corner of secs. 19, 20, 29 and 30, marked
^	on cap,
	T 11 N S 20 W C on N. F.
	R 2 E S 29 on S. F. S 30 on S. W.
	S 19 on N. W.
	No. 12 on S. and
	RESERVE on N. E. sides of top, with 2 notches on
40.00	S. and 5 notches on F. edges of rim.
40.08	Corner of secs. 19, 20, 29 and 30, heretofore described.
	From the $\frac{1}{4}$ corner between secs. 20 and 29.
	Thence I run
	N. 89°54' E. on random line between secs. 20 and 29
70.00	east half. Intersect N. and S. line 47 lks. S. of corner of
39.92	secs. 20, 21, 28 and 29, which is a sandstone
	3x6x10 ins. above ground, marked and witnessed
	as described by the General Land Office. In or-
	der to further preserve corner I take bearing
	trees as follows:
	Tks. dist. marked T 11 N R 2 F S 29 R T
	An aspen, 6 ins. diam., bears S. 56° W., 55 lks. dist., marked T 11 N R 2 F S 29 B T An aspen, 8 ins. diam., bears N. 49°30' W., 76
•	lks. dist., marked T ll N R 2 E S 20 B T
	Thence I run
	S. 89°14' W. on a true line between secs. 20 and 29
	east half, ascending through aspen thicket.

east half, ascending through aspen thicket.

Leave thicket, bears F. W. and S. E., enter
prairie.

Top of ridge, bears H. W. and S. E., about 600 ft. 32.50

26.20

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LOGAN FOREST RESERVE BOUNDARY.

T. 11 N., R. 2 E.

	•	
Chains	about the same above corner of secs. 20. 21. 28	
38.50 39.92	and 29; thence descend. Finter aspen thicket, bears N. and S.; leave prairie. sec. corner between secs. 20 and 29, hereto-	
	fore described. Note: On account of floating clouds fail to get	
	observation on sun for latitude.	
	Land, mountainous. Soil, 3rd and 4th rate.	
	Timbor, aspen.	
	Undergrowth, aspen, larb and sage. Formation, gravel and sandstone.	
	Samuel Sa	
	From the corner of secs. 20, 21, 28 and 29 S. 0°03' E. on a random' line between secs. 28 and 29, north half.	
39.65	Intersect E. and W. line 16 lks. cast of 1 sec. corner, which is a limestone 4x8x10 ins. above	
	Ground marked and witnessed as described by the General Land Office.	
	Thence I run R. 0°11' E. on a true line between secs. 28 and	
14.00	29, north half, along broken east slope in prairie	•
74.00	also enter dense undergrowth.	
22.60 31.00	Head of drain, course E. Perpendicular bluff, 20 ft. high, lears E. 60° W.	
	and S. 60° E.; descend 100 ft. to	
39.59	Set Foundary Post No. 13, which is an iron post, with brass cap, 4ft. long, 4 ins. diam., 3 ft. in	
	the ground, for witness corner to corner of secs. 20, 21, 28 and 29, marked on cap	
	T 11 N S 21 W C on N. E.	
	R 2 E S 28 on S. F. S 29 on S. W.	
	S 20 on H. W.	
	No. 13 on S., and RESPRVE on N. and N. sides of top, with 2	
	notches on S. and 4 on E. edges of rim.	
39.65	Corner of secs. 20, 71, 28 and 29, heretofore des-	
	August 24, 1904. August 25: At 8 a.m. I set off 10°48' N. on the	
	declination are and 41°39' H. on the latitude	
	arc and determine a true meridian with the solar, at the 1 corner between secs. 28 and 29.	
	Thence I run	
	E. 0°03' E. on a random line between secs. 28 and 29, south half.	
40.38	Intersect T. and W. line 7 lks. W. of corner of	•
	secs. 28, 29, 32 and 33, which is a limestone 4x8x6 ins. above ground, marked and witnessed as	
	described by the General Land Office. To further	
	ostablish corner I take A pine, 6 ins. diam., bears S. 53°15' E., 187	
,	îks. dist., markod T 11 N R 2 E S 33 B T Thonce I run	
	E. 0°09' W. on a true line between secs. 28 and	
	29, south half; gradually descending through scattering timber.	
.06	Set Boundary Post No. 15, which is an iron post,	
	with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground and mound of rock, for witness	
	corner to corner of secs. 28, 89, 32 and 33,	
	marked on cap	

1.

T. 11 K., R. 2 E.

Chains S 28 W C on N. E. JJ N R 2 E S 33 on S. E. S 32 on S. W. S 29 on N. W. No. 15 on S., and RESERVE on E. sides of top, with 1 notch on S. and 4 notches on E. edges of rim. Enter heavy timber, bears E. and W. Foot of descent, 150 ft. below top. 6.50 15.00 Drain, course S. E. Drag road, following same. bears E. and W. Ascend. Leave timber, 34.98 Road from Millville to timber bears E. and W., soon to N. east of line.

Set Boundary Post No. 14, which is an iron post with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground and mound of stone, for forest reserve line post No. 14, marked on cap 35.09 No. 14 on S., and RESERVE on east sides of top, 250 ft. above drag road and drain, thence over broken east slope to k sec. corner between secs. 28 and 29, heretofore 40.38 described. Land, mountainous. Soil, 4th rate. Timber, pine and aspen. Undergrowth, aspen. Formation, limestone. I set off 10'44' N. on the declination arc, and at 12h02m by my watch observe the sun on the meridian and obtain a reading of 41°39' on the latitude are at the corner of secs. 28, 29, 32 and Thence I run South between secs. 32 and 33 on a random line. Intersect E. and W. line 40 lks. W. of ‡ sec. corner, 39,92 which is a limestone 6x10x8 ins. above ground, marked and witnessed as described by the General Land Office; to further establish corner I take bearing trees as follows: An aspen, 6 ins. diam., bears S. 84°40' E., 79 lks. dist., marked 1 S 33 B T
An aspen, 4 ins. diam., bears N. 60° 30' W.,72 lks. dist., marked 1 S 32 B T. Thence I run N. 0°34' W. on a true line between sees. 32 and 33, ascending through aspen thicket. Beave thicket, bears F. and W. Top of ridge, bears W. W. and S. E., 150 ft. above 15.00 17.50 sec. corner. Descend 600 ft. to drain and drag road. Head of drain, course W. W. 24.00 Corner of secs. 28, 29, 32 and 33, heretofore des-39.92 cribed. Land, mountainous. Soil, 4th rate. Timber, scattering pine. Undergrowth, aspen. August 25, 1904. August 26: From the 1 corner between secs. 32 and 33, east on random line through sec. 33. 40.00 80.00

Set temporary center corner.

At this point I set temporary, after making diligent search for ½ sec. corner, and thence proceed south in search of corner of secs. 3, 4, 33 and 34, on south boundary of T. 11 N., R. 2 E., but

T. 11 N., R. 2 E.

fail to find any traces of corner. Chains. August 26, -1904 August 27: I find the 1 sec. corner between secs. 4 and 33, which is a limestone 6x8x8 ins. above ground, marked and witnessed as described by the General Land Office, excepting that there are two bearing trees and no stone mound as reported The northwest tree agrees with notes. in notes. The other is a Spruce, 14 ins. diam., bears S. 13°15' F., 59 1ks. dist., marked & S 4 B T August 27, 1904. June 9:
At the 1 sec. corner between secs. 4 and 33 south boundary T. 11 N., R. 2 E., heretofore described, at 9 s.m., I set off 22°56' H. on the declination are and 41°38' II. on the latitude are, and determine a true moridian with the solar. Thence I run S. 86°41' E. on a random line between secs. 4 and 33. Find no trace of old corner of secs. 3, 4, 33 and 34. 40.00 Set temporary corner. 80.00 Find no trace of old ; sec. corner. Set temporary & sec. corner. Thence I run East on a random line between secs. 3 and 34, from temporary 1 sec. corner.

Find no trace of old corner of secs. 2, 3, 34 and 35. Set temporary sec. corner.

Find no trace of old 3 sec. corner; set temporary 120.00 160.00 a sec. corner. Find no trace of old corner of sees. 1, 2, 35 and 200.00 Set temporary cornor. 240.00 Find no trace of 🖟 sec. corner. Set temporary 🛊 sec. corner. Intersect I. and C. line 8.61 chs. south of corner of Tps. 10 and 11 N., R. 2 E., heretofore des- 2 278.32 cribed. The falling answers to a correction of 2.46 chs. N. per mile or 1°46' counting from the west end of random. June 9 and 10, 1905. Bouth Bdy. T. 11 H., R. 2 H. June 11: At the corner of Tps. 10 and 11 H., R. 2 E., at 9 a.m., I set off 23°05' H. on the declination are and 41°38' H. on the latitude are and determine a true meridian with the solar. Thence I run E. 86°14' W. on a true line between secs. 1 and 36, over rolling country on high mountain, through some timber and undergrowth. Descend gradually to 5.00 Head of drain, course S. E.

Head of drain, course S.

Set a limestone 24x18x4 ins. 18 ins. in the ground
for \(\frac{1}{2}\) see. corner, marked \(\frac{1}{2}\) on N. face, from which

A mahogany, 8 ins. diam., bears N. 85° W., 60

Iks. dist., marked \(\frac{1}{2}\) S 36 B T

A mahogany, 6 ins. diam., bears S. 5° W., 40

Iks. dist., marked \(\frac{1}{2}\) S 1 B T 10.80 28.00 39.76 Head of small drain, course S. E. Descend over steep rocky S. W. slope. Drain, course S., about 1000 ft. below & sec. corner. 41.00 43.00 64.00

Bogin steep ascent.

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LOGAN FOREST RESERVE BOUNDARY.

South Boundary T. 11 N. R. 2 E. Chains. The true point for corner of secs. 1, 2, 35 and 36 falls in ledges and unsafe ground. Therefore a Set a blue limestone 24x14x6 ins., 18 ins. in the Therefore at 78.32 ground, for witness corner to corner of secs. 1, 2, 35 and 36, marked W. C. on N. E. face, 1 notch on F. and 5 notches on west edges, from which:

A maple, 5 ins. diam., bears S. 34°30' W., 36 lks. dist., marked T 10 N R 2 E S 2 B T

A maple, 5 ins. diam., bears N. 11°45' W., 185 lks. dist., marked T 11 N R 2 E S 35 B T

No other trees suitable: raise a mound of stone. No other trees suitable; raise a mound of stone, 3; ft. base, 1; ft. high, west of corner around 78.38 Set iron U. S. Forest Reserve Boundary Post No. 21, 3 ft. in the ground and mound of stone, for witness corner to witness corner of secs. 1, 2, 35 and 36, marked on cap. S 36 on N. E. W C T 11 N R 2 E S 1 On S. T 10 N S 2 on S. W. S 35 on N. W. No.21 on south and 1 notch on F. and 5 notches on west edges of rim. 79.52 True point for corner of secs. 1, 2, 35 and 36. Land, mountainous. Soil, stony, 4th rate. Timber, some pine, mahogany and maple. Formation, granite. S. 88°14' W. on a true line between secs. 2 and 35. ascending to Top of spur sloping south about 100 ft. above corner 2.50 and 250 ft. above drain. Descend to 15.00 Head of drain, course S., about 200 ft. descent. Ascend 500 ft. to 25.00 Top of sharp ridge bears N. and S. Descend 600 ft. through heavy timber to Set a granite stone 20x14x5 ins., 15 ins. in the ground for 2 sec. corner, marked 2 on N. face, 39.76 from which: A mahogany, 6 ins. diam., boars H. 29° W., 70
lks. dist., marked ½ S 35 B T
A cedar, 10 ins. diam., boars S. 88° W., 16 lks.
dist., marked ½ S 2 B T
Head of drain, course S. W.
Head of drain, course S. Ascend.
Top of ridge boars H and S 15° W. about 150 ft 40.60 52.50 Top of ridge bears N. and S. 15° W., about 150 ft. 57.30 above drain. Descend even slope, through scattering trees and brush. Set a granite stone 22x12x8 ins., 18 ins. in the ground, for corner of secs. 2, 3, 34 and 35, marked with 2 notches on E. and 4 notches on W. edges, 79.52 from which: A spruce, 14 ins. diam., bears N. 4° W., 372 lks. dist., marked T 11 N R 2 E S 34 B T A cedar, 24 ins. diam., bears S. 67° E., 144 lks. dist., marked T 10 N R 2 E S 2 B T No other suitable trees; raise a mound of stone, $3\frac{1}{12}$ ft. base, $1\frac{1}{12}$ ft. high, west of corner around post. Land, mountainous.

> Timber, pine, cedar and mahogany. Formation, granite.

Soil, stony, 4th rate.

S. 88°14' W. on a true line between secs. 3 and 34. At this corner June 11, I set off. 23t05 observethe declination are and at 1110

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sun on the meridian and obtain a reading of 41°38 on the latitude arc, which is within 1' of the
Chains.
              proper latitude.
           Descending through scattering hrash bushes.
Set iron U. S. Forest Reserve Boundary Post No. 20
   .06
              3 ft. in the ground and mound of stone, for witness corner to corner of secs. 2, 3, 34 and 35, marked
              on cap:
                  WCT 11 N S 35 on N. E.
R 2 E S 2 on S. E.
                  T 10 N B 3 on S. W.
                   S 34 on N. W.
                  No. 20 on S., with 2 notches on E. and 4 notches
                  on west edges of rim.
           Left Fork Blacksmith Fork creek, 25 lks. wide, course S. 10° W. A descent of about 1000 ft.,
35.10
           thence over nearly level land.

Set iron U. S. Forest Reserve Boundary Post No. 19
3 ft. in the ground to mark boundary line near
36.04
              road, marked on cap:
                  RESERVE on N.
                  No. 19 on S.
           Canyon road bears N. E. and S. W.
Set a granite stone 20x12x6 ins., 15 ins. in the ground for 2 sec. corner, marked 2 on N. face, from which:
36:26
39.76
                  A lone cedar, 6 ins diam., bears N. 35°30' W., 56 lks. dist., marked 1 S 34 B T
              Dig pits 18x18x12 ins. E. and W. of stone, 3 ft.
              dist., and raise a mound of earth 3 ft. base, 1;
              ft. high, north of corner.
           Thence I run N. 88°27' W. on a true line between secs. 3 and 34,
              west half.
                             Gradually ascending.
42.00
           Begin ascending steep mountain.
           Set iron U. S. Forest Reserve Boundary Post No. 18
79.46
              3 ft. in the ground and mound of stone for wit-
              ness corner to corner of secs. 3, 4, 33 and 34,
             marked on cap:
W C T 11 N S 34 on N. E.
                      2 E S 3 on S. E.
                  T 10 N
                              8 4 on 8. W.
                                   on H. W.
                  No. 18 on south side of top with 3 notches on
                  E. and W. edges of rim.
           The point for soc. corner falls on flat granite rock 14x10 ins. at bottom of ledge, 4 ft. high, and 10 ft. long R. and S., on which I cut a cross (+) at
79.52
              corner point for corner of secs. 3, 4, 33 and 34, and marked 3 grooves on E. and W. sides of cross; raise a mound of stone 32 ft. base, 12 ft. high, on
              top of lodge west of corner.
           This corner stands near H. E. end of a ledge of rock about 75 feet high.
           Land, mountainous.
           Soil, stony, 4th rate.
           Timber, scattering mahogany and some maple and cot-
              tonwood along creek.
           Formation, granite.
           N. 88°27' W. on a true line between secs. 4 and 33,
           east half, ascending steep mountain.
Foot of rock ledge about 60 ft. high bears N. and S.
 8.00
           For of ridge boars N. and S., thence gradually
10.80
              ascending.
           Enter thicket of brush bears H. E. and S. W.
16.00
           Descend gradually along N. slope.
35.00
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b sec. corner heretofore described.

39.76

South Boundary T. 11 R., R. 2 E.

Chains.	Land, mountainous. Soil, stony, 4th rate. Timber, scattering pine; undergrowth maple and aspen. Formation, granite. June 11, 1905.
	June 12:
`	At the corner of secs. 3, 4, 33 and 34 on south bdy. T. 11 N., R. 2 E., herotofore described, at 8 a.m., l.m.t., I set off 23°09' N. on the declination are and 41°38' N. on the latitude are and determine a true meridian with the solar. Thence I run
37.60	N. on a random line between secs. 33 and 34 Find no trace of \$\frac{1}{4}\$ sec. corner. Set temporary \$\frac{1}{2}\$ sec. corner.
77.60	Find no trace of corner of secs. 27, 28, 33 and 34. Set temporary sec. corner.
116.35	Intersect east and west line 39 lks. west of 1 sec. corner heretofore described.
	Thence I run S. 0°12' W. on a true line between secs. 27 and 28, south half, descending steep broken S.W. slope.
10.90	Granite ledge about 50 ft. high bears E. and Thence over even slope descending.
39.57	Set a granite stone 20x10x7 ins. 15 ins. in the ground for corner of secs. 27, 28, 33 and 34, marked with 3 notches on E. and 1 notch on S. edges; raise a mound of stone 3% ft. base, 1% ft. high, west of corner.
	Land, mountainous. Soil, 4th rate, stony. Timber, none. Formation, granite.
20.10 39.57 g	S. 0°12' W. on a true line between socs. 33 and 34, descending over rough broken land. Branch 5 lks. wide, course S. 20° E., about 500 ft. below sec. corner. Ascend. Set a granite stone 18x14x12 ins., 14 ins. in the ground, for \$\frac{1}{2}\$ sec. corner, marked \$\frac{1}{2}\$ on W. face; dig pits 18x18x12 ins. N. and S. of stone 3 ft.
58.80 63.20	dist., and raise a mound of earth 35 ft. base, 15 ft. high, west of corner. Enter timber bears E. and W., also top of ascent, about 850 ft. above branch. Spur slopes E., thence
76.77급	over rough broken east slope. Corner of secs. 3, 4, 33 and 34 heretofore described. Land, mountainous. Soil, 4th rate. Timber, pine.
	Formation, granite.
40.00 81.24	From the 1 sec. corner between secs. 32 and 33 heretofore described, I run East on a random line through sec. 33. Set temporary center corner. Intersect R. and S. line 25 lks. S. of 2 sec. corner between secs. 33 and 34, heretofore described. Thence I run S. 89°49' W. on a true line through sec. 33, descend-
.06	ing gradually through low brush. Set iron U. S. Forest Reserve Boundary Post No. 17 3 ft. in the ground, for witness corner to CHEMBER

T. 11 K., R. 2 E.

	STATE OF THE STATE
Chains	\$ sec. corner between secs. 33 and 34, marked on cap:
	WC & S 34 on E.
	W C & S 34 on E. & S 33 on W.
	Ro. 17 on S, and
8.90	RESERVE on N. and E. sides of top. Drain, course N. E., about 75 ft. below t sec. corner. Ascend.
24.50	Broken ledges of rock bears N. 15° E. and S. W.
26.00	Enter timber and dense undergrowth bears N. R. and S. W.
40.62	Set a limestone 18x10x7 ins., 14 ins. in the ground
	for center corner, marked $\frac{1}{2}$ on N. face, from which:
	A spruce, 10 ins diam., bears N. 63° W., 59 lks. dist., marked ½ M L F B B T
	A spruce, 5 ins. diam., bears S. 44 lks. dist.
50 - 0	A spruce, 5 ins. diam., bears S. 44 lks. dist. marked ½ M L F B B T
50.00	Head of drain, course N. E. Leave heavy timber bears N. E. and S. W.
55.25	Limestone ledge 20 ft. high bears N. E. and S. W.
58.00	Top of ascent bears N. E. and S. W., about 1400 ft.
W n	above 2 sec corner.
76.00 81.19	Enter aspen thicket bears N. and S. Set iron U. S. Forest Reserve Boundary Post No. 16,
07.47.5	3 ft. in the ground, for witness corner to \(\frac{1}{2}\) sec.
	corner, marked on cap:
	$V C \stackrel{1}{\sim} S 33 \text{ on } E.$
	분 S 32 on W. No. 16 on S., and
	RESERVE on I. E. sides of top.
81.24	½ sec. corner between secs. 32 and 33 heretofore
	described.
	Land, very rough and mountainous. Soil, 4th rate.
	Timber, pine and aspen.
	Formation, limestone and granite: undergrowth, aspen
	and larch. June 18, 1905.
	oune T., Tana.

Fast Bdy. T. 10 N., R. 2 E.

Chains. September 11: At 8.30 a.m. I set off 4.57' N. on the declination are and 41°38' on the latitude are and determine a true meridian with the solar at the corner of Tps. 10 and 11 N., R. 2 E., herotofore described. I run south on E. boundary of sec. 1. through dense undergrowth.

Set an Iron post with brass cap. 4 ft. long. 4 ins.

diam. 3 ft. in the ground and mound of stone.

for witness corner to closing corner of Tps. 10

and 11 R., R. 3 E., marked on cap:

T 11 N S 31 W C on E.

R 3 F CC on E. 4.99 S 6 on f. E. T lo N. No. 22 on S., and
RESIRVE on N. F. sides of top, with 6 notches on
N., E. and S. edges of rim.
The closing corner of Tps. 10 and 11 N., R. 3 E., which
is a limestone 7x8x6 ins. above ground, marked 5.05 and witnessed as described by the General Land Office. South Bdy. T. II N. R. 3 E. From the closing corner to Tps. 10 and 11 K., R. 3 F., Thonce I run East on random line between sees. 6 and 31, over heavy rolling land, through scattering timber. Intersect 7. and 5. line 10 lks. R. of 4 sec. cor-64.07 ner, which is a limostone 10x10x8 ins. above ground, marked and witnessed as described by the General Land Office. Trees marked on bark, therefore I blaze same and remark them. Thence I run
N. 89° 55' W. on a true line between secs. 6 and 31, west hulf; descending through timber and dense undergrowth. Drain, course N. F.; begin steep ascent, east slope Gradual ascent, bears F. and F.

Top of ascent, 100 ft. above drain, bears N. and E. thence over rolling and rough land.

Enter aspen thicket, bears N. and E. Leave timber.

Begin descent of 150 ft., bears N. and E.

Leave aspen thicket, bears R. and F.; thence through senttering alumps of pine and ascen. .80 8.50 14.50 24.50 37.00 41.00 scattering clumps of pine and aspen.

Head of drain, course N., foot of descent; thence
over rolling land rough. 47.20 Head of drain, course N. Head of drain, course C. E. Closing corner of Tps. 10 and 11 H., R. 3 F., here-55.50 62.10 64.07 tofore described. From the & corner between secs. 31 and 6 Thence I run East on random line botwoon secs. 6 and 31. east half. Intorsect R. and S. line 64 lks. E. of corner of 39.66 sees. 5, 6, 31 and 36, which is a limestone 8x12x8 ins. above ground, marked and witnessed as described by the General Land Office. Thence I run

S. 89.05' W. on a true line between sees. 6 and 31, east half. Descending prairie. Drain, course W. W. about 350 ft. below corner, as-14.10 cend. Leave prairie and enter timber boars H. and E.: .. 16.30 donee undergrowth. Top of ascent, bears N. and S., slopes N. 350 ft. above drain. Descend gradually. 38.10 2 sec. corner heretofore described. 39.66 Land, mountainous. Soil, 3rd and 4th rate.

Timber, pine and appon.

South Bdy. T. 11 N., R. 3 E.

Chains. Undergrowth, aspen and larb. Formation, limestone. From the corner of secs. 31, 32,5 and 6, East on random line between secs. 5 and 32, west half. Intersect N. and S. line 36 lks. N. of \(\frac{1}{2} \) sec. corner, which is a limestone 6x10x8 ins., marked and witnessed as described by the General Land Of-39.91 To further establish this corner I take A mahogany, 6 ins. diam., bears N. 22° E., 40 lks. dist., and marked $\frac{1}{4}$ S 32 B T A mahogany, 5 ins. diam., bears S. 27°30' W., 105 lks. dist., marked \$ S 5 B T Thence I run
N. 89°29' W. on a true line between secs. 5 and 32,
east half, over rough rolling land, through brush Thence I Drain, course N. Closing corner of secs. 5 and 6, T. 10 N., R. 3 E., on line, which is a limestone 5x7x8 ins. and mound 35.90 38.73 of stone on W. Set Boundary Post Fo. 23, which is an iron post with brass cap. 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 39.85 5, 6, 31 and 32, marked on cap: T 11 N S 32 W C on N. F. R 3 E S 5 on S. E.
T 10 N S 6 on S. W.
S 31 on N. W.
No. 23 on S., and
RESERVE on N. sides of top, with 5 notches on E. and 1 notch on W. edge of rim.

The corner of secs. 31, 32, 5 and 6.

I set off 4°30' W. on the declination are and at 12h03m 1.m.t., observe the sun on the meridian and obtain a reading of 41°38' on the latitude are at the \(\frac{1}{4}\) corner between secs. 5 and 32.

Thence I run 39.91 East on random line between secs. 2 and 35, east half. Intersect N. and S. line 33 lks. S. of corner of secs. 32, 33, 4 and 5, which is a limestone 5x8x4 ins. above ground, marked and witnessed as described by the General Land Office. 39.93 Thence I run s. 89°32' W. on a true line between secs. 2 and 35, east half; ascending through sage brush from corner, which is in swale, course N. Top of ridge, about 100 ft. above corner, bears 11.40 N. and S. Friter mahogany brush, same course, thence over rough broken land.

Drain, course N.

Land S. Friter mahogany brush, same course, thence over rough broken land.

Drain, course N.

Land S. Friter mahogany brush, same course, thence over rough broken land. 14.90 30.40 39.93 Land, rough and broken. Soil, 4th rate. Timber and brush, mahogany and sage. Formation, limestone.

East on random line, between secs. 4 and 33, west half.

Intersect N. and S. line 2 lks. N. of \(\frac{1}{4} \) sec. corner which is a limestone 7x5x9 ins. above ground,

39.90

From the corner of secs. 32 and 33, 4 and 5 I run

marked and witnessed as described by the General Land Office. To further establish corner I take A cedar, 12 ins. diam., bears N. 10° W.. 59

South Bdy. T. 11 N., R. 3 F.

The second second		
Chains.	Tito Adod	
cuarns.	1ks. dist., marked 1 S 33 B T	
i	A muhoguny, 6 ins. diam., bears S. 34°30' E., 53 lks. dist., marked \(\frac{1}{2} \) S 4 B T	
	Thenco I run	
	N. 89°58' W. on a true line between secs. 4 and 33,	
	west half; over rough broken land, through mahog-	
	any.	
5.00	Drain, course S. W.	
12.00	Same drain, course N. W.	
27.90	Drain, course H., ascend 75 ft. to	
33.00	Top of ridge, bears N. and S.; descend 50 ft. to	
	swalo.	
38.81	Closing corner to corner of sees. 4 and 5, m. 10 N.,	
70.04	R. 3 E., a limestone with mound of rock to north.	
39.84	Set Boundary Post No. 24, which is an iron post,	
	with brass cap, 4 ft. long, 4 ins. diam., for witnes	38
	corner to corner of secs. 4, 5, 32 and 33, marked on cap	
	T 11 N S 33 W C on N. E.	
	R 3 E S 4 on E. F.	
	TION S 5 on S. W.	
	S 32 on N. W.	
	No. 24 on C., and	
	RESERVE on I. sides of top, with 4 notches on E.	
	and 2 notches on W. edges of rim.	
39.90	Corner of secs. 4, 5, 32 and 33, heretofore des-	
	cribed.	
•	September 11, 1904.	
	September 12: At 9 a.m. I set off 4°11'N. on the	
	declination are and 41°38' on the lutitude are, and determine a true meridian with the solar at	
	the ½ corner between secs. 4 and 33.	
	Thence I run	
	East on a random line between sees. 4 and 33,	
	east half.	
39.94	Intersect I. and C. line 23 lks. F. of corner of	
	secs. 3, 4, 33 and 34, which is a limestone 4x5x8	
	ins. above ground, marked and witnessed as des-	
	cribed by the General Land Office, except that the	
	mound of rock was north of the corner. To further establish the corner I take	
	A muhogany, 10 inc. diam., bears N. 32° E., 152	
	lkc. dist., marked T 11 N R 3 E 5 34 B T	
	An aspen, 8 ins. diam., bears S. 54° E., 22 lks.	
	dist., marked T 10 R T 3 E S 3 B T	
	A marle, 6 ins. diem., bears 5. 6°45' W., 50	
	lies. dist., marked T 10 N R 3 L S 4 B T	
	An aspen, 10 ins. diam., bears N. 11° W., 133	
	1kg. dist., marked T 11 E R 3 E S 33 B T	
	Thence I run	•
	S. 89°40' W. on a true line between secs. 4 and 33. east half; ascending from corner in edge of aspen	
	thicket.	
.06	Set Boundary Post Ro. 25, which is an iron post	
.00	with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in	
	the ground, for witness corner to corner of secs.	
	3. 4. 33 and 34, marked on cap:	
	T 11 H S 34 W C on H. E.	
	R 3 E S 3 on S. E.	
	T 10 R S 4 on S. W.	
	S 33 on W. W.	
	No. 25 on S., and	
•	RESERVE on N. sides of top and 3 notches on E.	
0.00	and W. edges of rim. Rock ledge, 6 ft. high bears N. and S. Leave aspen	
2.00	thicket H. and E., thence through mahogany brush.	
15.50	Top of ridge, boars N. and S. about 75 ft. above	
10.00	corner. This is also divido between Blacksmith	
	Fork River and Saadle Creck. Gradual descent over	
	rough broken land to	
	1 -	

South Bdy. T. 11 N., R. 3 E.

Chains.		
39.94	Land, rough and broken.	
	Soil, 4th rate. Timber, mahogany and aspen.	
	Formation, limestone.	
	I set off 4°08' N. on the declination are and at 12 ^h 04 ^m 1.m.t., observe the sun on the meridian and obtain a reading of 41°38' on the latitude are at corner of secs. 33, 34, 3 and 4.	
	Thence I run East on random line between sees. 3 and 34.	
39.98	Intersect N. and S. line 17 lks. S. of 4 sec. corner, which is a limestone in place 10x26x2 ins. above ground, marked and witnessed as described by the General Land Office.	
	Thenco I run S. 89°45' W. on a true line between secs. 3 and 34,	
7.20	wost half, over rolling broken land. Drain, course S. Begin ascent of 300 ft. to top of divide.	
38.82 39.98	Closing corner on line. Corner of secs. 3, 4, 33 and 34, heretofore describ-	
	ed. From the i corner between secs. 3 and 34 Thence I run	
	East on a random line between secs. 3 and 34, east half.	
40.30	Intersect T. and S. line 27 lks. S. of corner of secs. 2 3, 34 and 35, which is a limestone	
	5x6x8 ins. above ground, marked and witnessed as described by the General Land Office, except that mound of rock is 5. W. of corner.	
	Thence I run S. 89°37' W. on a true line between secs. 3 and 34, east half; gradually according.	
4.30		
17.60 26.00	Drain, course T. Top of ridge, bears N. and S.: gradually descend W.	
34.00	Slope to drain 150 ft. Enter aspen thicket, bears I. and S.	
40.30	1 soc. corner heretofore described. Leave aspen thicket, bears H. and S. Land, rolling and broken.	
	Soil, 4th rate. Ro timler, some aspen brush.	
	Formation, limestone. Soptember 12, 1904.	
	September 18: At 8.30 a.m., at the corner of secs. 34, 35, 2 and 3, I sot off 1°53' N. on the declination are and 41°38' on the latitude are and determine a true moridian with the solar. Thence I run	1- L
39.98	Fast on a random line, between secs. 2 and 35. Intersect N. and S. line 7 lks. S. of a sec. corner, which is a sandstone SMELS ins. above ground, mark ed and witnessed as described by the General Land Office. To further establish corner, A lone cedar, 8 ins. diam., bears N. 10°30' W.	C-
	77 1ks. dist., marked ½ S 35 B T Thence I run S. 89°54' W. on a true line between secs. 2 and 35,	
.	west half; along south slope sage brush prairie.	
5.00	Spring drain, 3 lks. wide, course S. E. Begin ascer	nt

South Boundary T. 11 N., R. 3 F.

```
Chains.
                   of 200 ft. to
               Top of ascort, boars B. and B.; thence nearly level
35.00
                   land.
               Closing corner on line.

Set Boundary Fost Ro. 26, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of sees. 2, 3, 34 and 35, marked on cap T ll R S 35 W C on R. E.
39.18
39.92
                   R. J E. S E on S. T.
T 10 N S 3 on E. W.
J 34 on N. K.
                   Ro. 26 on E., and RECERVE on E. sidor of top, with E notchos on
                   E. and 4 not obee on E. edges of rim.
               Corner of sees. 2, 3, 34 and 35 heretefore described. From the 1 corner between sees. 2 and 35 Thouse I run
39.98
               East on random line letween secs. 2 and 35, oast
                   half.
                Intersect H. and C. line 7 lks. S. of corner of
40.10
                   sees. 1, 2, 35 and 36, which is a
                                                                                                     stone
                   Ex1076 inc. above ground, marked and witnessed as described by the General Land Office.
               Thence I run
C. 69°F4' T.
                   69°54' T. on a true line between secs. 2 and 35, east half: according sage bruch prairie.
                Slore charges to 3.
  5.00
                  sec. corner heretoforo 'enerited.
40.10
                Land / mountainous.
               Soil, 3rd and 4th rate.
No timber; even and eage trush.
Formation, ligations; come condutons on cost half.
                At the ourser of secs. 3f. 36, 1 and 2, I set off 1°51' 7. on the decliration are and at 11°55"
                    1.m.t., observe the cun on the meridian and obtain a rending of 41°38' on the latitude are.
                Thence I run
                That on a random line between sees. 1 and 36.

Intersect 7, and 7. line 10 lks. 5. of 2 sec. corner, which is a randotone 6x10x8 las. above
39.98
                    ground, marked as descrited by the General Land Office, but witnessed by round of rock to E. Turther estellich corner
                          An angen, 9 ing. dimm., bears H. 30° E., 97
1kg. dist., marked 12 36 B T
An angen, 9 ing. dimm., bears C. 59° E., 35
1kg. dist., marked 18 1 B T
                Thence I run
                g. Egobi' T. on a true line between sees. 1 and 36,
                west half: over relling land from corner, in edge of agree thicket bearing N. and F., I oh. wide.

Bogin descent of N. W. slope.

West edge of elump of agree bears N.T. and C.E.

Cache Valley and Dear Bake road, bears N.20° E. and
   7.50
 22.20
 22.70
                     s. 20° v.
                Sot Boundary Post No. 28, which is on iron post, with brass cap, 4 ft. long, 4 ins. diem., 3 ft. in the
 22.89
                    ground, marked on cap:
No. 28 on S., and
                     RECERVE on H. olden of top.
                Rock crock, 25 lks. wide, water 1 inch deep, course 2. 15° W., general course 8. W., 450 ft. below top of accent; ascend 50 ft. to
Set Boundary Pout No. 27, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the
 33.50
 39.92
                     ground, for witness corner to corner of secs.
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LOGAN FOREST RUSTRYT BOUNDARY.

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1, 2, 35 and 36, marked on cap: T 11 N S 36 W C on N. E.
Chains
                          S 1 on S. E.
S 2 on S. W.
               T 3 E.
                  10 N
               S 35 on H. W.
               N. 27 on S., and
RESERVE on N. sides of top, with 1 notch on E. and 5 not ches on W. edges of rim.
39.98
            Corner of secs. 1, 2, 35 and 36, heretofore des-
               cribed.
            From the \frac{1}{4} corner between secs. 1 and 36 Thence I run
            East on random line between secs. 1 and 36, east
               half.
39.88
             Intersect N. and S. line 8 lks. S. of corner of
               Tps. 10 and 11 N., Rs. 4 and 3 E., which is a sandstone 6x12x10 ins., marked and witnessed as described by the General Land Office.
            Thence I run

S. 89°53' W. on a true line between secs. 1 and 36,
            east half. Descending sage brush prairie. Drain, course N. 15° W. 100 ft. below corner.
  6.40
                thence over broken land ascending 150 ft. to cor-
                ner.
             Drain, course N. E.
11.40
            Drain, course W. F.
16.50
             Small drain, course N. Enter aspen thicket, bears N. and S.
22.50
38.50
             4 sec. corner heretofore described.
39.88
             Land, mountainous.
             Soil, 4th rate.
             A few aspen along line.
             Formation, sandstone.
                              Fast Edy. T. 11 N., R. 3 T.
             September 18: At the corner of Trs. 10 and 11 K., Rs. 3 and 4 L., at 4 p.m., I set off 1°47' H. on the declination arc, and 41°38' on the latitude arc, and determine a true meridian with the solar Magnetic declination is 18°04' L.
             Thence I run North, between secs. 31 and 36 on a random line.
             Intersect E. and W. line, 18 lks. W. of I sec. cor-
 40.25
                ner, which is a sandstone 6x12x10 ins. above
                ground, marked and witnessed as described by the
                 General Land Office.
             Thence I run
S. 0°15' W. on a true line between secs. 31 and 36, south half; descending prairie.
             Drain, course S. 15° W.
  9:25
             Rock creek, 6 lks. wide, course W., 70° W., 100 ft. below corner; ascend about 125 ft. to township
 21.20
             Enter aspen thicket, bears N. 60° W. and S. 60° E. Leave aspen thicket, bears E. and W.; thence in sage
 25.00
 35.00
                 brush to corner.
              Set Boundary Post No. 29, which is an iron post with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of Tps.
 40.19
                 10 and 11 N. Rs. 3 and 4 F., marked on cap: T 11 N S 31 V C on N. F.
R 4 E S 6 on S. E.
T 10 N S 1 on S. V.
                 R 3 L S 36 on E. W.
                 No. 29 on S., and
                 RESERVE on N. W. sides of top, with 6 notches on
                 N. F. S. and W. odges of rim.
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East Bay. T. 11 R., R. 3 R.

```
Chains
40.25
             Corner of Tps. 10 and 11 F., Rs. 3 and 4 E., here-
                tofore described.
                                                                September 18, 1904.
             September 19: At the 2 corner between sees. 51 and 36 at 8 a.m. I set off 1°31' E. on the declination are and 41°36' on the latitude are, and determine
                a true meridian with the solar.
             Thence I run
             North on a random line between secs. 31 and 36.
                north half.
             Intersect E. and W. line 17 lks. E. of corner of secs. 25, 30, 31 and 36, which is a granite stone 8x10x16 ins., marked and witnessed as described
40.20
                by the General Land Office.
                                                                To further establish
                 corner
                     An aspen 10 ins. diam., bears N. 66°20' E., lks. dist., marked T 11 K R 4 E S 30 B T
             Thence I run
S. 0°15' E. on a true line between secs. 31 and 36,
                north half; descending E. R. slope through scat-
                 tering aspen.
   .06
             Set Boundary Post No. 31, which is an iron post
                with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground and mound of rock, for witness corner to corner of secs. 25, 30, 31 and 36, marked
                 on cap:
                T 11 N S 30 W C on N. E.
                 R 4 E S 31 on S. E.
                 S 36 on C. W.
             R 3 E S 25 on R. W.

No. 31 on S., and
RESERVE on W. sides of top, with 5 notches on R.
and 1 notch on S. edges of rim.

Set Boundary Fost Ro. 30, which is an iron post
with brass cap. 4 ft. long. 4 ins. diam., 3 ft.
in the ground and mound of rock, marked on cap:
  3.29
                 No. 30 on S., and
             RESERVE on W. sides of top.

Bear Lake and Cache Valley road, bears H. E. and S. W.
  3.60
             Drain, course 2. W., 100 ft. below corner, thence along U. W. slope; enter heavy aspen thicket, bears T. and W.
  4.10
             Leave aspen thicket, bears E. and E. Slope changes to C., descend to corner.
14.70
25.00
              sec. corner herotofore described.
40.20
              Land, mountainous.
              Soil, 3rd and 4th rate.
               Timber, aspen. Undergrowth, appen.
              Formation, limestone and granite.
             From the corner of sec. 25, 30, 31 and 36.

North on a random line between secs. 25 and 30.

Intersect E. and V. line 33 lks. E. of 4 sec. corner, which is a granite stone 6x8x12 ins. above ground marked and witnessed as described by the General
40.30
                 Land Office. To further establish corner
An aspen, 6 ins. diam., bears N. 35°25' W., 421
lks. dist., marked 2 S 25 B T
              Thence I run
3. 0°28' E. on a true line between sees. 25 and 30,
                  south half.
              Top of riage, bears T. and W. Descend through seat-
    .80
                  tering aspen (about 350 ft. above Fock Creck).
             A spur slope to the E. W.
 28.80
              Corner of secs. 25, 30, 31 and 36, heretofere des-
 40.30
                  cribed.
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LOGAN FOREST RESERVE BOUNDARY.

East Boundary T. 11 N., R. 3 E.

,	The state of the s
Chains	From the 4 corner between secs. 25 and 30
	Thence I run North on a random line between secs. 25 and 30,
40.00	north half.
40.28	Intersect E. and W. line 6 lks. E. of corner of secs. 19, 24, 25 and 30, which is a granite stone lox12x8 ins. above ground, marked and witnessed as described by the General Land Office. Thence I run
	S. 0°05' E. on a true line between secs. 25 and 30,
18.80	north half. Top of ridge 500 ft. above Rock Creek, bears F. and W. Descend.
37.70 40.28	Head of drain, course W.
40.20	Land, mountainous.
	Soil, 4th rate. Timber, scattering aspen.
	Formation, granite.
	70 073 24 40
	North on a true line between secs. 19 and 24 to the closing corner of secs. 19 and 30. Descending steep rocky N. slope.
.06	Set Boundary Post No. 32, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
	in the ground and mound of rock, for witness cor-
	nor to corner of secs. 19, 24, 25 and 30, marked on cap:
;	T 11 N S 19 W C on N. E. R 4 E S 30 on S. E.
	S 25 on S. W.
	R 3 E S 24 on N. W. No. 32 on S., and
	RESERVE on W. sides of top, with 4 notches on N. and 2 notches on S. edges of rim.
	Note: On account of steepness and nature of ground, consider it much better to set the iron corner
	here instead of the closing corner.
6.99	The closing corner of secs. 19 and 30, T. 11 F., R. 4 E., which is a limestone 8x14x16 ins. above
	ground, witnessed and marked as described by the General Land Office.
لم	Land, rough mountainous.
	Soil, 4th rate, rocky. No timber.
	Formation, limestone.
•	I set off 1027 on the declination are and at
	and obtain a reading of 41°40' on the latitude
	At 1.30 p.m. I set off 1.25' N. on the declination
	arc and 41°40' on the latitude arc and determine a true meridian with the solar at the closing cor-
	ner of secs. 19 and 30, T. 11 N., R. 4 E., hereto- fore described.
	Whomas T min
29.53	East on a random line between secs. 19 and 30. Intersect N. and S. line 27 lks. S. of corner of
	secs. 19, 20, 29 and 30, which is a granite stone
	described by the General Land Office.
	Thence I run S. 89°29' N. on a true line between secs. 19 and
	30; along south slope, through prairie, scatter-
6.00	Begin descent over W. Slope.
	1

T. 11 N., R. 4 E.

Chains	At 1.30 p.m. I set off 1°25' N. on the declination are and 41°40' on the latitude are and determine a true meridian with the solar at the closing corner of secs. 19 and 30, T. 11 N., R. 4 E., heretofore described. Thence I run
29.53	East on a random line between secs. 19 and 30. Intersect K. and S. line 27 lks. S. of corner of secs. 19, 20, 29 and 30, which is a granite stone 6x8x2 ins., above ground, marked and witnessed as described by the General Land Office. Thence I run
	S. 89°29' W. on a true line between secs. 19 and 30; along south slope through prairie, scattering aspen.
6.00 15.50	Begindescent over W. W. slope. Drain, course W. Foot of 150 ft. descent. At this point enter spruce and fir timber, bears W. and
17.20	S. Ascend N. E. slope. Rough and broken limestone ledge 20 ft. high, bears
19.50	S. E. and H. W. Top of spur, bears H. and S., 100 ft. above drain. Leave spruce and fir timber, bears H. and S.
29.53	Thence through aspen, descending R. W. slope. Closing corner of secs. 19 and 30, T. 11 H., R. 4 E., heretofore described, 100 ft. below top of spur. Land, mountainous. Soil, 4th rate.
	Timber, spruce and fir; aspen undergrowth. Formation, limestone.
	At corner of secs. 19, 20, 29 and 30, T. 11 N., R. 4 E., heretofore described, I set off 1°27' N. on the declination are and at 11h55m by my watch observe the sun on the meridian; the resulting latitude is 41°40'.
	From corner of secs. 19, 20, 29 and 30 Thence I rum
39.98	Fast on a random line between sees. 20 and 29. Intersect N. and S. line 17 lks. N. of \$ sec. corner, which is a granite stone 6x6x10 ins. above ground, marked and witnessed as described by the General Land Office.
	Thence I run N. 89°45' W. on a true line between secs. 20 and 29, west half. Descend steep W. slope, through
2.00 12.00 24.38	prairie. Leave prairie, enter aspen brush, bears N. and S. Leave aspen, bears H. and S.; enter prairie. Drain, course S., 200 ft. below & sec. corner.
24.78 25.01	Bear Lake road, bears N. and S. Set Boundary Post No. 34, which is an iron post. 4 ft. long, 4 ins. in diam., with brass cap, 3 ft. in the ground, for forest reserve boundary line post, marked:
	No. 34 on S. edge of cap, RESERVE in N. E. and N. W. quadrants on cap. Ascend gradual S. F. slope.
39.92	Set Boundary Post No. 33, which is an iron post, 4 ft. long, 4 ins. in diam., with brass cap, 2 ft. in the ground; raise a mound of stone, 4 ft. base, 1½ ft. high, around post for witness corner to corner of sees. 19, 20, 29 and 30, marked on bev- eled edge of cap: T 11 N S 20 W C On N. F. R 4 E S 29 on S. F.
	S 30 on S. W.

The said

T. 11 N., R. 4 E.

Chains S 19 on N. W., on top of cap, No. 33 on S. RESERVE in N. E. and N. W. quadrants, with 2 notches on S. and 5 on E. edges. Corner of secs. 19, 20, 29 and 30, heretofore 39.98 described. From the 1 corner between secs. 20 and 29 Thence I run Easton a random line between secs. 20 and 29, east half. Intersect N. and S. line 59 lks. N. of corner of secs. 20, 21, 28 and 29, which is a sandstone 6x8x10 ins. above ground, marked and witnessed as described by the General Land Office. 39.81 Thence I run
N. 89°09' W. on a true line between secs. 20 and 29 east half; through willow brush, ascending S. E. slope. Sidehill drain, course S. F.
Leave brush, bears M. W. and S. E.; enter prairie and begin descent over S. W. slope.
Slope changes to gradual W. slope.
Changes to steep W. slope. 1.20 4.00 18.00 34.00 39.81 1 sec. corner heretofore described. Land, mountainous.
Soil, 4th rate.
Timber, willow and aspen brush. Formation, granite. September 19, 1904. September 20: At the corner of secs. 20, 21, 28 and 29, heretofore described, at 8 a.m., 1.m.t., I set off 1°08' N. on the declination are and 41°40' N. on the latitude are and determine a true merid ian with the colar. Thenco I run North on a random line, south half, between socs. 20 und 21. Intersect E. and W. line 24 lks. W. of \(\frac{1}{4} \) sec. corner, which is a granite 8x10x24 ins. above ground 40.11 marked and witnessed as described by the General Land Office. To further establish corner proceed to take bearing trees as follows: A mahogany, 8 ins. diam. bears ?. 49°27' E., 70 lks. dist., marked & S 21 B T
A mahogany, 6 ins. diam. bears N. 71°47' W., 79 lks. dist., marked & S 20 B T Thence I run

S. 0°21' W. on a true line, south half, between
secs. 20 and 21. Descend S. W. slope through
scattering spruce fir and mahogany.

Dry drain, course W., 200 ft. below & sec. corner.
Ascend steep N. slope.

Leave scattering timber, bears F. and W. Enter as-10.71 22.50 pen thicket, changes to N. F. slope.
Leave aspen thicket, bears E. and W. Fnter prairie.
Top of small ridge, bears N. W. and S. E., 250
ft. above drain; descend S. slope.
Set Boundary Post No. 35, which is an iron post
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
in the ground, for witness corner to corner of
secs. 20, 21, 29 and 29, marked on cap:
Til N S 21 W C on N. F.
R 4 E S 28 on S. F. pen thicket, changes to N. E. slope. 35.00 36.00 40.05 R4E S 28 on S. E. S 29 on S. W. S 20 on N. W. No. 35 on S. RESERVE in N.W. quadrant, with f notches on S.

```
Chains.
                  and 4 notches on E. edges.
40.11
              Corner of secs. 20, 21, 28 and 29, heretofore des-
              cribed.

From the 1 corner between secs. 20 and 21 Thence I run
              North on a random line, north half, between secs.
                  20 and 21.
               Intersect F. and W. line 4 lks. E. of corner of secs. 16, 17, 20 and 21, which is a granite stone 6x8x8 ins. above ground, marked and witnessed as described by the General Land Office.
40.08
              Thence I run
S. 0°03' F. on a true line, north half, between secs. 20 and 21. Ascend north slope through
              prairie, some scattering aspen brush.

Top of ridge, bears E. and W. Descend S. slope.

Set Boundary Post No. 36, which is an iron post,

with brass cap, 4 ft. long, 4 ins. in diam., 3 ft.
in the ground, for forest reserve boundary line
  6.00
22.57
                   post, marked on cap: No. 36 on S.
                   RESERVE in S. W. and N. W. quadrants.
               Cache Valley and Bear Lake road, bears N. E. and E. W.; foot of 150-foot descent; ascend N. W.
22.63
                   slope.
               Enter spruce and fir timber, bears E. and W. Leave spruce and fir timber, bears E. and W. Enter scattering spruce, fir and mahogany.
31.00
39.00
                bec. corner heretofore described.
40.08
               Land, mountainous.
               Soil, 4th rate.
               Timber, spruce and fir; mahogany and aspen brush. Formation, granite.
               At corner of secs. 16, 17, 20 and 21, heretofore described. I set off 1°03' N. on declination are and at 11h55m 1.m.t., observe the sum on the meriting. The resulting latitude is 41°41'.
               Thonco I run
               North on a random, south half, between secs. 16 and
               Find no trace of the 4 sec. corner; set temporary
40.00
               and continuo random north.

Intersect F. and W. line 23 lks. W. of corner of secs. 8, 9, 16 and 17, which is a granite 8x12x10 ins. above ground, marked and witnessed as described by the General Land Office. To further
80.26
                   establish corner
                         A pine, 12 ins. ĉiam., bears K. 34°18' K., 12 ks. dist., marked T 11 N R 4 E S 9 B T
               Thence I run
S. 0°10' W. on a true line between secs. 16 and 17.
Descend S. W. slope through scattering spruce,
                   pine and mahogany.
               Set Boundary Post No. 38, which is an iron post, with brass cap, 4 ft. long, 4 ins. in diam., 3 ft. an
     .06
                   the ground, for witness corner to corner of secs.
                   8, 9, 16 and 17, marked on cap:
T 11 N S 9 N C on N. E.
R 4 E S 16 on S. E.
S 17 on S. W.
                   S 8 on N. W.
                   No. 38 on S.
                   RESERVE in N.D., S.W. and N.W. quadrants, with 4 notches on S. and 4 notches on E. edges.
                Drain, course W., 50 ft. below corner. Ascend N.W.
     3.86
                    slope.
                Top of ridge, bears E. and W. 250 ft above drain.
 12.00
```

T. 11 N. R. 4 E.

Decound S. W. slope. 15.00 Drain, course W.; second N. W. slope.
Top of ridge, bears F. and W. Descend S. W. slope.
Drain, course W., 250 ft. below top of ridge;
second N. slope. 19.00 29.76 Top of ascent, 100 ft. above drain; thence along 00. **PE** 40.13 Met a mandatone 18x14x10 ins., 12 ins. in the ground, for t sec. corner, marked ton W. face; raise a mound of atone, 2 ft. base, 1; ft. high, W. of corner, from which mahogany, 10 ins. dism., bears S. 110 lks.dist., marked \$ S 16 B T bears S. 23°20' E. A mahogany, A mahogany, 6 ine. dinm., boars H. 22°45' W. 100 iks. dist., marked & S 17 B T descent over S. W. plope, through rough and 22°45' W.. 50.00 Regin descent over 3. broken ladgen. Dry drain, course W. Foot of 350 foot descent. 58.00 At this point leave scattering timber and mahog-any. Enter aspen brush boars F. and E.; ascend

E. slope.

Set Foundary Fost No. 37, which is an iron post, with brass cap, 4 ft. long, 4 inc. dism., 3 ft. in the ground, for witness corner to corner of marked on cap: in the ground, for witness corner to consees. 16, 17, 20 and 21, marked on cap:

RAE SElong. E. S EO on C. T.

described.

80.20

80.26

40.40

5.00 12.00

26.00

E 17 on F. W

RESTRYE in E. E. and E. E. quadrants, with 3 notches on D. and 4 notches on F. odges. Corner of mecs. 16, 17, 20 and 21 horatofore

Land, countainous. Soil, 4th rate. Timber, spruce, pine and fir; mahogany and aspen

brush. Formation, grantte.

September 20, 1904.

September 13: At corner of sees. 8, 9, 18 and 17, heretofore described, at 9 a.m., 1.m.t., I set off 0.06' S. on declination are and 41.41' E. on the latitude are and determine a true meradian with the molar.

Thomas I run

Fast on a random line, west half, between sees. 9 and 16.

Intersect F. and S. line 14 lks. H. of 1 sec. cor-ner, which is a grant e 4x10x8 ins. above ground, marked and witnessed as described by the General Land Office.

Thence I run x. 89*48' 2. on a true line, west half, between sees. 9 and 16; along F. slope, through napen

Drain, course R. Ascend R. E. slope.
Top of ridge, boars R. and S., 50 ft. above drain;
descend R. W. slope.
Leave aspen, bears R. and S. Toter scattering apruce

Leave sayen, bears R. and S. Enter scattering appeared for timber makemakaganya some mahogany.

Bough and broken granite ledge 12 ft. high, bears R. E. and S. W., changes to W. slope.

35.00 Corner of secs. 6, 9, 16 and 17, heretofore des-40.40 eribed.

Work discontinued on account of bloudy weather. J. Saptember 23, 1904.

T. 11 R., R. 4 F.

MATERIAL PROPERTY OF THE PERSON NAMED IN PARTY OF THE PERSON NAMED IN PART	
Chaine	Soptombor 24: At the 2 sec. corner between secs. 9
011111	and 16, heretofore described, at 9 a.m., I set off
	0°27' S. on the declination are and 41°42' N. on
	the Intitude are, and determine a true meridian
	with the solar.
	Thence I run
80.16	North on a random line through sec. 9. Intersect T. and W. line 64 lks. E. of & sec. cor-
00.10	nor, which is a granito 4x10x6 ins. above ground,
	marked and witnessed as described by the General
	Land Office. To further cetablish corner:
	A pine, 78 ins. diam., bears 5. 19°45' E., 178
	lks. dist., marked & S 9 B T
	Thence I run S. 0°27' E. on a true line through sec. 9. Ascend
•	R. E. slope through scattering peruse, fir and
	muhogany.
.06	Set Boundary Fost No. 40, which is an iron post,
	with brane can, 4 ft. long, 4 ins. dism., 3 ft.
	in the ground, for witness corner to ; sec. corner
	botween neen. 4 and 9, marked on cap:
	W C on T. T. Bo. 40 S 9 on T.
	2 3 4 on X.
	RECERVE in F.R. C.W. and R.W. quadrents.
14.00	Top of ridge, bears ". and W., 150 ft. above corner.
	Descend Blope.
18.96	Dry drain, course T., 100 ft. below top of ridge. Top of cpur, lears R. F. and C. F.
28.00 31.00	Bry drain, course N. W. Accord N. N. Blone.
39.00	Dry drain, course N. N. Accord N. H. Blope. Leave scattering timber; enter aspen thicket, bears
	T. and T.: changes to T. slope.
40.08	Set a granite stone 16x10x8 ins. 11 ins. in the
	ground for C. 2 sec. corner, marked 2 1 on W. face, from which
	An acren, 4 inc. diam., bears C. 30° T., 16
	The Admit we will be a first to the second of the second o
	An action bine, ciam, bears at 10°40' bears
	The Aint, carbod the F.B. B.T.
47.00	Lob of Light fourth . Out and are upon the upong grain.
61.66	Dry drain, course T., 100 ft. below top of ridge.
01.00	Language W. rlong.
80.10	ant Foundary Fort Fo. 39, which is an iron post,
	with brane can, 4 Tt. long, 4 inc. diam., 5 At.
	in the ground, for witness corner to 1 sec. corner between secs. 2 and 16, marked on cap:
	nor between there. P and 10, mailed on cup.
	Ro. 39 S 16 on S.
	1 2 9 on F.
	TESTEVE in N. T. quadrant.
er.16	corner between sees. 9 and 16, herotofere des-
	cribed.
	Land, mountainous. Soil, 4th rate.
	Timber, spruce and fir; mahegony and aspen brush.
	Formation, granite.
	At the ! sec. corner between secs. 4 and 9, T. 11 F.,
	i b A T koroloforo donoribod. L BOT OLI V'OV' Del
	I AN THE RECTION AND THE ALL ALL ALL ALL ALL ALL ALL ALL ALL AL
	nerve the sun on the moridian. The resulting
	Intitudo ic 41°42'.
	Thongo I run
	East on a random line, east half, between sees. 4 and 9.
	"A SALLING IF 9

T. 11 N., R. 4 E.

Chains	Intersect N. and S. line 88 lks. S. of corner of
	secs. 3, 4, 9 and 10, which is a sandstone 6x7x8
	ins. above ground, marked and witnessed as des- cribed by the General Land Office. To further
	establish cornor I take
	An aspen, 4 ins. diam., bears S. 47°40' W., 72 lks. dist., marked T 11 N R 4 E S 9 B T
	Thence I run
	S. 88°45' W. on a true line, east half, between secs. 4 and 9. Descend W. slope through scatter-
3.30	ing aspon. Foot of 30-foot descent, drainage to the N.; dim road
	bears N. and S. Ascend E. slope.
13.00	Top of ridge, bears N. and S. Deveend N. W. slope through scattering aspen and mahogany brush.
27.00	Drain, course N. W. At this point enter heavy spruce
	and fir timber, bears N. W. and C. E. Leave brush; thence along N. slope.
37.00	Leave heavy timber, bears N. and S., continue through
	scattering timber and brush; change to N. W. slope doscending.
38.00	Limestone ledge 7 ft. high, bears N. E. and S. W.
40.45	described, 350 ft. below top of ridge.
	Land, mountainous. Soil, 4th rate.
	Timber, spruce and fir; mahogany and aspen brush.
	Formation, limestone and granite.
	From corner of secs. 3, 4, 9 and 10, heretofore
	described, I run
	North on a random line, south half, between secs.
40.03	Intersect T. and W. line 6 lks. D. of & sec. corner
	between secs. 3 and 4, which is a limestone 6x12x10 ins. above ground, marked and witnessed as
	described by the General Land Ullice.
	Thence I run S. 0.05' E. on a true line between sees. 3 and 4,
73. FO	south half; ascend N. E. slore through prairie. Same dim road, beers N. F. and S. W., changes to
31.50	T. W. slope.
39.97	Set Boundary Post Ro. 41, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
	in the ground, for witness corner to corner of
	secs. 3, 4, 9 and 10, marked on cap: T 11 H S 3 W C on H. E.
	R 4 E S 10 on S. A.
	S 9 on S. W. S 4 on H. W.
	No. 41 on S. RESERVE in N. W. quadrant, with 5 notches on S.
•	and 3 notches on E. edges.
40.03	Corner of secs. 3, 4, 9 and 10, heretofore des- eribed, 350 ft. above 4 sec. corner.
	From 1 sec. cornor between secs. 3 and 4, hereto-
	fore described, I run North on a random line, north half, between sees.
	1 5 and 4 T. 77 No. R. 4 No.
46.08	Intersect E. and W. line 16 lks. E. of closing corner of secs. 3 and 4, which is a sandstone
	8x10x6 ins. above ground, marked and witnessed
	as described by the General Land Office. Thence I run
	S. 0°12' E. on a true line, north half, between
13.50	prain, course E.
16.00	Top of ridge, bears E. and W.
19.50	Drain, course E.

T. 11 N., R. 4 E.

```
Chains.
            Ridge, bears N. W. and S. E.
25.00
               Thence descend steep S. slope.
38.50
            Baddle Creek, dry; course W., 200 ft. below top of
               ridge; thence over bottom land.
41.00
            Begin ascent over steep R. E. slope.
            t sec. corner heretofore described.
46.08
            Land, mountainous.
            Soil, 4th rate.
            No timber, aspen brush. Formation, limestone.
                                                           September 24, 1904.
            September 25: At the closing corner of secs. 3 and 4 heretofore described, at 8 a.m., l.m/t., I set off 0°49' S. on the declination are and 41°43'
               onthe latitude are and determine a true meridian with the solar.
            Thence I run
            Fast on a random line, west half, along south boundary of sec. 34, south boundary T. 12 N.,
               R. 4 E.
                   WEST ALONG SOUTH BOUNDARY SEC. 34. SOUTH
                            BOUNDARY T. 12 N., R. 4 E.
29.59
             Intersect N. and S. line 17 lks. S. of \frac{1}{4} sec. cor-
               ner, which is a sandstone 6x8x8 ins. above ground,
               mound of stone, marked and witnessed as described by the General Land Office.
            Thence I run
S. 89°39' W. on a true line, west half, along south boundary sec. 34; Descend steep W. slope through
                prairie.
            Set Boundary Post No. 43, which is an iron post, with brass cap, 4 ft. long, 4 ins. in diam., 3 ft. in the ground, for Forest Reserve Boundary line post,
  6.98
               marked on cap:
                No. 43 on S.
                Reserve in N. E. and N. W. quadrants.
             Road, bears H. and S.
  7.19
             Saddle Creck (dry), course S., 200 ft. below & sec.
11.59
                corner; ascend E. slope through scattering aspen.
            Sot Boundary Post No. 42, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to closing corner of secs. 3 and 4, marked on cap:
29.53
               R 4 E S 3 on S. F.
T 11 N S 4 on S. W.
                No. 42 0 0 on S.
             RESERVE in N. E., S. W. and N. W. quadrents, with 3 notches on E. and 3 notches on W. edges. Closing corner of secs. 3 and 4 heretofore described
29.59
             From \( \frac{1}{4} \) sec. corner between secs. 3 and 34 heretofore described, I run
             East on a random line (east half) along south boun-
                dary of sec. 34.
             Intersect N. and S. line 4 lks. S. of corner of secs. 34 and 35, which is a sandstone 8x12x10 ins.
39.91
                above ground, marked and witnessed as described
by the General Land Office, with this exception:
I find four old bearing trees at this corner,
                properly marked for corner common to four secs.
           Thence I run
             S. 89°57' W. on a true line, east half, between sees. 3 and 34, south boundary T. 12 N., R. 4 F.
                Descend W. slope through aspen.
    1.41
                Dry drain, course N. W. Thence along N. slone
```

```
Chains
21.00
                Leave aspen thicket, bears N. W. and S. E.; con-
                     tinue through scattering aspon. Begin descent
                     over H. W. slope.
                Dry drain, course N., foot of 50-foot descent.
Top of short ascent; thence along N. slope.
Leave aspen, bears N. W. and S. F.; also ridge
bears N. W. and S. F.; thence descend W. slope.
Leave corner heretofore described, 100 ft. below
24.41
27.00
34.50
39.91
                top of ridge,
At 10.30 work discontinued on account of clouds.
                 Land, mountainous.
                 Soid. 4th rate.
                 No timber; aspen brush.
                 Formation, limestone.
                                                                                September 25, 1904.
                     ptember 26: At corner of sees. 34 and 35, here-
tofore described, at 8 a.m., l.m.t., I set off
1°12' S. on the declination are and 41°43' H. on
                 Sentember 26:
                     the latitude are and determine a true meridian
                     with the color.
                 Thence I run
                 East on a random line, west half, between sees.
                      2 and 35.
                 Intersect R. and F. line 39 lks. N. of & sec. corner, which is a sendstone lowlox8 ins. above
39.80
                     ground; marked and witnessed two old bearing trees as described by the General Land Office.
                 Thence I run
N. 89°27' W. on a true line, west half, between
                 N. 89°27' W. on a true line, west half, between sees. 2 and 35; along N. slope through aspen.

Begin descent over N. W. slope.

Leave asjen bears N. and E.; onter prairie.

Enter asjen, tears N. W. and E. E.; leave prairie.

Dry drain, course N. W., foot of 200-foot descent, accend N. N. clope.

Set Poundary Post No. 44, which is an iron post, with brass cap. 4 ft. long, 4 ins. in diam., 3 ft. in the ground, for witness corner to corner of cees. 2, 3, 34 and 35, marked on cap:

T 12 N S 35 N C on N. T.

R 4 N S 2 on S. N.

T 11 N S 3 on S. N.

C 34 on N. N.
16.CO
17.00
29.00
 31.80
39.74
                                                          on II. Ic.
                  RESERVE in N. F. and N. W. quadrants, with 2 notches on E. and 4 notches on west edges.

Corner of secs. 34 and 35, heretofore described.

From 4 sec. corner between secs. 2 and 35, heretofore described, I run

Test on a random line.

Intersect T. and C. line 26 lbs. E. of common of
                      No. 44 on C.
 39.80
                  Intersect T. and C. line 26 lks. N. of corner of secs. 35 and 36, which is a sandstone (not quartz-1te) 6x8x12 ins. above ground. ranked and witnessed as described by the General Land Office.
 39.75
                  Thonce I run N. 89°38' W. on a true line, east half, between
                  pry drain, course H.; ascend H. Blope.
   9.75
                  Leave prairie, enter aspen, bears N. and S.
  17.00
                  1 sec. corner heretofore described, 150 ft. above
  39.75
                      drain.
                  Land, mountainous.
                              4th rato.
                  Coil
                  No timber, aspen brush.
                   Formation, mandstone.
```

At corner of sees. 35 and 36, heretofore described.

```
I set off 1°17' E. on the declination are, and at 11^{h}54^{m} observe the sun on the meridian. The resulting latitude is 41^{\circ}43^{\circ}.
Chains.
                Thence I run
                N. on a random line, south half, between sees. 35
                   and 36.
                Intersect T. and W. line 10 lks. W. of 1 sec. corner, which is a sandstone 6x10x6 ins. above
40.04
                    ground, marked and witnessed as described by the
                    General Land Office.
               Thonce I run
S. 0°09' W. on a true line, south half, between secs. 35 and 36. Descend south slope, through
               prairie.

Dry drain, course V., ascend gradual N. slope.

Set Boundary Post No. 45, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 5 ft. in the ground, for witness corner to corner of secs. 1, 2, 35 and 36, marked on cap:

T 12 N S 36 W C on N. E.

R 4 F S 1 on S. E.

T 11 N S 2 on S. W.
                    prairie.
  3.34
39.98
                    S 35 on N. W.
                    No. 45 on S.
                    RESERVE in M. W. quadrant, with 1 notch on E. and 5 notches on W. edges.
                From } sec. corner between secs. 35 and 36, here-
                toforë described. I run
Rorth on a random line, north half, between secs.
                C35 and 36 s and 36 heretofore described. Therefore of Intersect 7. and 7. line 71 lks. 7. of corner of secs. 25. 66, 35 and 36, which is a sandstone
40.04
                    5x6x10 ons. above ground, rerked and witnessed as described by the Gen. Land Office. To further establish corner, I take:

An aspen, 6 ins. diem., bears N. 85°20' E., 99
lks. dist., marked T 12 H R 4 E S 25 B T
                Thence I run
S. 0°18' W. on a true line, north half, between
secs. 35 and 36. Descend S. E. slope through
                    prairio.
                Dry drain, course T.
20.00
                Begin descent over ?
                                                          slope.
 33.00
                  sec. corner heretofore described.
 39.99
                 Land, gradually sloping.
                 Soil, 4th rato.
                 No timber.
                 Formation, sandstone.
                 From corner of sees, 25, 26, 35 and 36, 7. 12 N.,
                 R. 4 L., heretofore described, I run
Fast on a random line, west half, between secs. 25
                     and 36.
                 Intersect N. and C. line, 13 lks. N. of psec. corner, which is a sandstone 5x6x8 ins. above ground marked and witnessed as described by the General
 40.15
                     Tand Office.
                 Thonce I run
N. 89.49' W. on a true line, west helf, between
sees. 25 and 36. Descend W. slope through prairie,
                     some scattering aspen brush.
                 Dry drain, course E. Ascend E. slope.

Road bears N. and S.

Set Poundary Post No. 47, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
 23.65
 25.25
```

25.45

T. 11 H. R. 4 E.

```
in the ground, for forest reserve boundary line
Cheina J
                                post, marked on cap:
                         RESERVE in R. E. and R. W. quadrants.

Set Boundary Post No. 46, which is an iron post.

with brass cap, 3 ft. in the ground, for witness corner to corner of secs. 25, 26, 35 and 36, marked
40.09
                                on enp:
                               T 12 N S 25 W C on N
R 4 E S 36 on S. E.,
S 35 on S. W.
S 26 on N. W.
                                                         S 25 W C on W. E.
                                No. 46 on S.
                               RESERVE in N. E., S. W. and N. W., quadrants, with 1 notch on F. and 1 notch on S. edges.
                         Corner of secs. 25, 56, 35 and 36, heretofere des-
40.15
                          From \frac{1}{2} sec. corner between secs. 25 and 26, here-
                                tofore described
                              run on a random line, east half, between sees. 25
                         Intersect Township line 130 lks. N. of corner of secs. 25, 30, 31 and 36, which is a sandstone
39.60
                                6x8x10 ins. above ground, marked and witnessed as
                               described by the Gen. Land Office. To further
                               establish corner I take bearing trees as follows:

An espen, 6 ins. diam., bears N. 50°10' F., 12

Iks. dist., marked T 12 N R 5 F S 30 B T

An aspen, 6 ins. diam., bears N. 71°20' W., 22

Iks. dist., marked T 12 N R 4 F S 25 B T
                         Thence T run
T. 68°08' T. on a true line, east half, between sees. 25 and 36. Ascend N. F. slope through
                         willow, espen and bear brush.
Top of ridge, tears ". and S., 150 ft. above corner; leave brush, bears T. and T.; descend ". slope
22.00
                                through prairie.
                               sec. corner heretofore described, 250 ft. below
39.60
                               top of ridge.
                          Land, mountainous.
                          Soil, 4th rate.
                         No tirber: willow, aspen and bear brush. Formation, candstone.
                                                                                                                         September 76, 1904.
                         September 27: At corner of sees. 25, 30, 31 and 36, T. 12 H., Re. 4 and 5 ... heretofere described, at 9 a.m., 1.m.t., I set off 1°36' f. on the declination are and 41°44' on the latitude are, and determine the second s
                                mine a true meridian with the solur.
                          Thence I run
                          H. on a random line, south half, between sees. 25 and
                                30.
                          Intersect T. and T. line 35 lks. F. of sec. corner, which is a sandstone 5x6x7 ins. above ground, mark-
40.28
                                ed and witnessed as described by the General Land
                               office. To further establish corner:
                                An aspon, 8 ins. diam., bears N. 28°30' W., 30 lks. dist., marked 1 S 25 P T
An aspon, 6 ins. diam., bears N. 60°30' E., 33 lks. dist., marked 1 S 30 P T
                          Thence I run line
S. 0°30' F. on a true south half between sees. 25
and 30; descend south slope through prairie.
                          Leave prairie, bears N. W. and C. E.; enter aspon.
Drain, course S. F.; thence along T. slope.
Top of spur bears F. W. and S. E.; descend S.E. slope.
 10.00
 12.00
 25.00
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T. 12 H., Rs. 4 and 5 E.

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Chains.
                                     Drain, course T.: ascend H. slope.
Set Boundary Post No. 48, which is an iron post,
with brass cap. 4 ft. long. 4 ins. diam., 3 ft.
in the ground, for witness corner to corner of
27.78
40.22
                                               in the ground, for witness corner to consecs. 25, 30, 31 and 36, marked on cap: T 12 N S 30 W C on N. F.
                                               R 5 E S 31 on S. F.
                                               S 36 on S. W.
R 4 F S 25 i
                                                                            S 25 in N. W.
                                               No. 48 on S.
                                               RESERVE in N. W. quadrant, with 1 notch on S. and 5 notches on N. edges.
                                    Corner of secs. 25, 30, 31 and 36, heretofere described, 200 ft. above drain.

At 4 sec. corner between secs. 25 and 30, heretofere described, I set off 1°39' S. on the declination are, and at 11<sup>h</sup>54<sup>m</sup> observe the sun on the meridian. The resulting latitude is 41°44'.
40.28
                                      Thence I run
                                      North on a random line between sees. 25 and 30, north
                                               half.
                                     Intersect E. and W. line 2 lks. E. of corner of decs. 19. 24% 25 and 30, which is a very small stone broken in half in a very small mound of stone. I therefore proceed to reostablish true point by setting at same point Boundary Post No. 49, which is an iron post, with brass cap. 4 ft. long. 4 ins. diam., 3 ft. in the ground, for corner of cocs. 19, 24, 25 and 30, marked on cap: T 12 N S 19 on N. E. E 5 F C 30 on S. F.
40.02
                                               S 25 on 7. W.
R 4 7 S 24 on N. W.
                                                No. 49 on S.
                                               No. 49 on S.

RESPRVE in S. W. and H. W. quadrants, with 2 notches on S. and 4 notches on H. edges, from which:

An aspen, 8 ins. diam., bears H. 60° E., 10

lks. dist., marked T 12 H R 5 E S 19 B T

An aspen, 4 ins. diam., bears S. 10° F., 20

lks. dist., marked T 12 H R 5 E S 30 B T

An aspen, 5 ins. diam., bears S. 30°30' W., 71

lks. dist., marked T 12 H R 4 E S 25 B T

An aspen, 5 ins. diam., bears H. 21°30' W., 47

lks. dist., marked T 12 H R 4 E S 24 B T
                                       Thence I run

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

5. 0°02' F. on a true line, north half, between

6. 0°02' F. on a true line, north half, between

6. 0°02' F. on a true line, north half, between

8. 0°02' F. on a true line, north half, between

8. 0°02' F. on a true line, north half, between

8. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true line, north half, between

9. 0°02' F. on a true l
                                       Begin descont over C. slope.
     6.00
                                       Dry drain, course 7.: thence along 7. slope.

2 sec. corner heretofore described, 100 ft. below
cor or of secs./9, 24, 25 and 30.
 30.00
 40.02
                                       Land, mountainous.
                                       Soil, 4th rate.
                                       Timber, fir, willow, aspen and bear brush. Formation, lime and sandstone.
                                        From corner of sees. 19, 74, 25 and 30, heretefore described, I run
                                        North on a random line, south half, between sees.
                                                  19 and 24.
                                         Intersect E. and E. line 6 lks. E. of & sec. corner,
  39.87
                                                 which is a sandstone 4x6x8 ins. above ground, marked and witnessed as described by the Gen.Land Office. To further establish corner I take bearing trees
                                                  as follows:
```

An aspon, 6 ins. diam., bears N. 40°50' F., 73

```
lks. dist., marked \ S 19 F T
A fir, 9 ins. diam., bears N. 16°30° N., 73
lks. dist., marked \ S 24 B T
Chains.
                Thence I run

S. 0°05' E. on a true line, south half, between secs. 19 and 24; descend south slope through
                scattering opruce and fir timber and aspen brush. Changes to F. slope.
Dim road, bears T. F. and F. W. slope.
Top of ridge, bears T. and W. Descend F. slope.
Try drain, course H. F. Ascend E. slope.
Try drain, course H. F. Ascend E. slope.
10.00
11.87
12.37
18.00
21.87
36.00
                 Top of ascent, 200 it. above drain. Thence along
                     E. slope.
39.87
                 Corner of secs. 19. 24, 25 and 30, heretofore des-
                      cribod.
                                                                                  September 27, 1904.
                 September 28: At 1 sec. corner between secs. 19 and 24, heretoforo described, at 1 P.M., 1.m.t.
                     I set off 2°05' S. on the declination are and 41°45'
                      K. on the latitude are and determine a true mor-
                      idian with the solar.
                 Thence I run
                 North on a random line, north half, between secs.
                      19 and 24.
                 Intersect T. and W. line 8 lks. E. of corner of secs. 13, 18, 19 and 24, which is a condition 6x8x8 ins. alove ground marked and witnessed as as described by the Gen. Land Office. To fur-
40.16
                      ther establish corner 1 taxe bearing trees as
                      follows:
                            An aspen, 8 ins. diam., bears P. 61°30' E., 1ks. dist., marked T 12 E R 5 F S 18 P T An aspen, 8 ins. diam., bears S. 63° E., 32 1ks. dist., marked T 12 E R 5 E S 19 B T An aspen, 6 ins. diam., bears S. 44° W., 28 1ks. dist., marked T 12 E R 4 E S 24 B T An aspen, 6 ins. dirm., bears E. 10° W., 39 1ks. dist., marked T 12 E R 4 E S 13 B T as T run
                 Thence I run
S. 0°07' T. on a true line, north helf, between'
Boos. 19 and 24; ascend F. E. slope through aspen
                      and bear brush.
                  Set Boundary Fost No. 50, which is an iron post, with brass cap, 4 ft. long, 4 ins. in diam., 3 ft. in the ground for witness corner to corner of secs.
     .06
                      15. 18. 19 and 24. marked on cap:
T 12 F S 18 W C on N. F.
R 5 F S 19 on C. E.
                      S 24 on F. W.
R 4 T S 13 on N. W.
                 Mo. 50 on S.

RESERVE in C. W. and T. W. quadrants, with 3
notches on S. and 3 notches on M. edges.

Leave brush, bears E. and W.; enter prairie.

Top of ridge, bears M. and W.; 150 ft. above drain;
descend C. slope.

Enter aspen, bears F. and W.; leave prairie.

Dry drain, course S. E., 150 ft. below top of ridge;
ascend M. E. slope. through scattering armage and
 13.00
14.00
 20.00
 20.50
                       ascend I. E. slope, through scattering served and
                       fir.
                   1 sec. corner heretofore described.
 40.16
                   Land, mountainous.
                   Soil, 4th rate.
                   Timber, spruce and fir, aspon brush.
                   Formation, limestone.
```

T. 12 K., Rs. 4 and 5 F.

```
Chains.
                   From cornerof secs. 13, 16, 19 and 24, I run North on a random line between secs. 13 and 18.
  40.00
                   Find no trace of $ sec. corner; set temporary and
                       continue north.
  80.00
                   Find no trace of corner of secs. 7. 11, 13 and 18:
                       set temporary.
                   Find no trace of 2 sec. corner. Set temporary. Find no trace of corner of secs. 1, 6, 7 and 12.
120.00
160.00
                       Set temporary.
                   Find no trace of b sec. corner; set temporary.
200.00
                  Intersect Third Standard Parallel N. 5.09 chs. F. of standard corner of T. 13 N., Rs. 4 and 5 T., which is a sendstone 3x8x8 ins. above ground, marked and witnessed as described by the Gen. Land Office. Find no trace of closing corner of
250.90
                  Office. Find no trace of closing corner of T. 12 N. Rs. 4 and 5 F.
Therefore I set Boundary Post No. 54, which is an and the long 4 ins. in
                      iron post, with brass cap. 4 ft. long. 4 ins. in diam.. 3 ft. in the ground, for closing corner to T. 12 N. Rs. 4 and 5 F., warked on cap: R 5 E S 6 on C. R.
T 12 N R 4 E S 1 on S. W.
                      No. 54 C C on S.
                      RECERVE in S. W. quadrant, with 6 notches on E., S. and W. edges, from which:
                            An aspen, 4 ins. dicm., bears E. 80° E., 55
lks. dist., marked C C T 12 N R 5 E S 6 F T
                  September 28, 1904.

October 1: At closing corner east boundary T. 12 N.

R. 4 E., heretofore described, at 10 a.m., 1.m.t.,

I set off 3°11' E. on the declination are and

41°48' on the latitude are and determine a true

moridian with the solar.

Thence T run
                  S. on a true line between secs. I and 6; descend
                  C. slope, through scattering aspen.
Dry drain, course ... 200 ft. below C.C.
12.20
                                                                                                       At this
                       point enter scattering scruce and fir and thick
                      napon; ancend R. alope.
                  Top of ridge, lears F. and W., 50 ft. above drain; descend E. F. slope.

Dry drain, course N. F. Ascend N. W. slope.
  16.50
  22.40
                  Top of 150-foot ascent; descend C. slope.

Dry drain, course C. F.; ascend J. slope.

Top of ridge, bears T. and V.; descend C. slope.
  31.00
  39.40
  48.00
                  Dry drain, course E.
Set a granite stone 18x12x6 ins., 12 ins. in the ground for 3 sec. corner, marked 3 on W. face, from which:
  50.40
  50.90
                            An aspen, 8 ins. diam., bears C. 28° E., 76
lks. dist., marked 1 S 6 R T
An aspen, 9 ins. diam., bears E. 70°30' W., 64
lks. dist., marked 1 S 1 B T
                  Ascend R. F. slope. At this point set off 3°13' 2. on the acclination are and 11"54" observe the sun
                       on the meridian and obtain a reading of 41°47'.
                  Thence I continue
                  South on a true line between secs. 1 and 6.

Top of ridge, bears F. and J., 100 it. above is sec. corner; descend C. F. slope.

Leave thicket, tears F. and W.; continue through scattering timber and aspen and bear brush.
  72.00
  74.50
                   Dry drain, course E., 200 ft. below top of ridge.
Ascend R. E. slope.
  88.10
                   Bot Boundary Post 53, which is an iron post with
  90.90
                       brass cap. 4 ft. long, 4 ins. diam., 3 ft. in the ground, for corner of secs. 1, 6, 7 and 12,
                      marked on cap:
```

T. 12 H., Rs. 4 and 5 E.

```
T 12 N S 6 on N. E.
R 5 E S 7 on S. E.
S 12 on S. W.
R 4 E S 1 on N. W.
Chains
                No. 53 on S.
                RESERVE in S. W. and N. W. quadrants, with 5
                notches on S. and 1 notch on N. edges; raise a mound of stone, 2 ft. base, 12 ft. high, W. of
                corner, from which
                     A spruce, 15 ins. diam., bears N. 34°15' W., 273 lks. dist., marked T 12 N R 4 F S 1
                         BT
             Land, mountainous.
             Soil, 4th rate.
             Timber, spruce and fir; aspen and bear brush.
             Formation, limestone.
             South between secs. 7 and 12, descend gradual S.E.
                slope, through scattering spruce and fir timber.
                and aspen brush.
             Dry drain, course E. E.; ascend H. slope.
Top of ridge, bears E. and W., 150 ft. above drain,
12.00
30.00
                descend E. slope.
             Set a sundatone 18x10x8 ins., 12 ins. in the ground for ! sec. corner, marked ! on W. face, from
40.00
                which:
                     An aspen, 4 ins. diam., toars N. 39°30' E., 50 lks. dist., marked 4 S 12 B T
An aspen, 8 ins. diam., bears S. 26°15' W., 50 lks. dist., marked 4 S 7 B T
                                                              October 1, 1904.
             October 2: At the 1 sec. corner heretofore des-
                cribed, at 9 a.m., l.m.t., set off 3°32' S. on the declination are and 41°47' on the latitude are
                and determine a true meridian with the solar.
             Thence I run
             South between sees. 7 and 12. Descend S.E. slope Dry drain, course E. Ascend H. slope; top of 150
                                                              Descend S.E. slope.
40.20
                foot ascent; thence along T. slope.
             Begin descent over S. E. slope.
Set Boundary Post 52, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for comer of secs. 7, 18, 15 and 18.
74.00
80.00
                marked on cap:
                T 19 N S 7 on H. H.
                R 5 E S 18 on S. E.
                2 13 on 3. W.
                          S 12 on H. W.
                No. 52 on S.
                RESERVE in S. W. and H. W. quadrants, with 4
                notches on S. and 2 notches on N. edges, from
                which:
                     An aspen, 3 ins. diam., bears H. 35° E., 30 lks. dist., marked T 12 H R 5 E S 7 B T
                    A fir, 4 ins. diam., bears S. 41°45' E., 116 lks. dist., marked T 12 N R 5 E S 18 B T An aspen, 8 ins. diam., bears S. 40°30' E., 1ks. dist., marked T 12 N R 4 E S 13 B T An aspen, 5 ins. diam., bears N. 59° W., 36 lks. dist., marked T 12 N R 4 E S 12 B T mountaineus.
             Land, mountainous.
             Soil. 4th rate.
                       , spruce and fir; aspen undergrowth.
             Timber.
             Formation, limestone.
```

T. 12 N., Rs. 4 and 5 F.

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South between secs. 13 and 18; descend S. slope through scattering timber, spruce, fir & aspen.
Chains.
             Drain, course E. Ascend N. slope.

Top of ridge, bears E. and W.; descend S. slope.

Dry drain, course E. Ascend N. E. slope.
.40
17.00
20.00
              Top of ridge, bears N. 80° W. and S. 80° E. Descend S. slope.
29.00
              Dry drain, course E., 150 ft. below top of ridge. Set Boundary Post No. 51, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for forest reserve boundary line
34.90
35.03
                  post, marked on cap:
                  No. 51 on S.
              RESERVE in S. W. and M. W. quadrants. Road bears E. and W. Ascend W. slope.
35.18
              Set a granite stone 18x10x8 ins., 12 ins. in the ground for 5 sec. corner marked 4 on W. face,
40.00
                  from which:
              An aspen, 4 ins. diam., bears N. 39°30' E., 9
lks. dist., marked 1 S 18 B T
An aspen, 4 ins. diam., bears N. 52°15' W., 5
lks. dist., marked 1 S 13 B T
At this point I set off 3°36' S. on declination are
and at 11<sup>h</sup>57<sup>m</sup> observe the sun on the meridian.
                  The resulting latitude is 41°46'.
               Thence I run
               South between secs. 13 and 18; ascend N. E. slope through dense thicket of bear brush and aspen, some
                  scattering spruce and fir.
              Top of ridge, bears F. and W., 250 ft. above & sec. corner. Leave thicket, bears F. and W.
65.00
              Descend S. slope, through scattering aspen.

Dry drain, course E., 200 ft. below top of ridge;
77.50
                  ascend I. slope.
               Corner of secs. 13, 18, 19 and 24, heretofore
80.00
                   described.
               Land, mountainous.
               Soil, 4th rate.
               Timber, young spruce and fir; aspen and bear brush.
               Formation, limestone.
                                                                      October 2, 1904.
               October 4: At 8 a.m., l.m.t., at closing township corner T. 12 H., R. 4 E., herotofore described, I set off 4°18' S. on declination are and 41°48'
                   on latitude arc and determine a true meridian
                   with the solar.
               Thence I run
               West on Third Standard Parallel North, along south boundary of sec. 31; descend gradual W. slope,
                   through prairie almost covered with sage brush.
               Set Boundary Post No. 55, which is an iron post, with brass cap. 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to standard corner of T. 13 N., R. 4 N., heretofore described, marked on cap:
  5.03
                               RБĒ
                                              S 31 W.C on N. E.
                   T 13 N
                   R 4 E S 36 on N. W. No. 55 on S.
               RESERVE in S.E., S.W. and N.W. quadrants, with 6 notches on F., W. and N. edges.
Standard corner of T. 13 N., R. 4 L., heretofore
  5.09
                   described.
               From standard corner of T. 13 N., R. 4 E., hereto-
                   fore described, I run
               North on a random line, south half, between secs. 31
                   and 36.
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```
Chains.
40.08
              Intersect I. and W. line 46 lks. W. of 1 sec. cor-
                 ner, which is a tree corner, an aspen, 5 ins.
                 diam.. marked and witnessed as described by the
                 General Land Office.
              Thence I run
S. 0°39' W. on a true line, south half, between secs. 31 and 36; descend S. E. slope, through as-
                  pen brush.
              Set Boundary Post Ro. 56, which is an iron post, with trass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for Forest Reserve Foundary line
  6.26
                 post, marked on cap:
                 No. 56 on \mathbb{S}.
                 RESERVE in S. W. and M. W. quadrants.
  6.38
              Cache Valley and Bear Lake road, bears W. F. and
                  s. W.
              Dry drain, course N. E., 50 ft. below 2 sec. cor-
  8.58
              ner; ascend N. W. slope.

Leave aspen, bears T. and W.

Top of 350-foot ascent, enter prairie; thence along
16.00
25.00
              Standard corner of T. 13 E., E. 4 E., heretofore
40.08
                  described.
               Thence I run from the 1 corner between secs. 31 and
                 36,
              North on a random line, north half, between secs.
                  31 and 36.
              Intersect F. and W. line 74 lks. T. of corner of secs. 25, 30, 31 and 36, which is a granite stone Exlox8 ins. above ground, marked and witnessed as described by the Gen. Land Office. To
40.14
                 nossed as descrited by the Gen. Land Office. To further establish corner learing trees as follows:

An aspen, 5 ins. diam., bears S. 31°15' F., 73

lks. dist., marked T 13 H R 5 E S 31 B T

An aspen, 8 ins. diam., bears S. 44° W., 93

lks. dist., marked T 13 H R 4 E S 36 B T

An aspen, 4 ins. diam., bears H. 60°10' W., 63

lks. dist., marked T 13 H R 4 F S 25 B T

No tree in sec. 30
                       No tree in sec. 30.
               I set off 4°23' S. on the declination are and at
                  11h56m observe the sun on meridian. The result-
                  ing latitude is 41°49'.
               Thence I run
S. 1°03' J. on a true line, north half, between
               secs. 31 and 36, along east alope, through aspen. Set Boundary Post No. 57, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of
     .06
                  in the ground, for witness corner to co secs. 25, 30, 31 and 36, marked on cap: T 13 N S 30 W C on W. E.
                  R 5 E S 31 on S. F.
                  S 36 on F. W.
                  R 4 F S 25 on H. W. No. 57 on S.
                   RESERVE in S. W. and H. W. quadrants, with 1 notch
                   on S. and 5 notches on A. edges.
               Leave aspen, beers T. and T.; enter prairie.
 16.50
               Begin descent over S. slope.

Dry drain, course . Leave prairie, enter aspen,
bears E. and W., foot of 250-foot descent; ascend
 20.00
 30.34
               N. E. slope.
Top of ridge, bears E. and W., 50 ft. above drain.
E sec. corner, heretofore described, 50 ft. below
 35.00
 40.14
                   top of ridge.
               Land, mountainous.
               Soil, 4th rate.
               Timber none; aspen brush.
                Formation, granite.
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LOGAN FOREST RESERVE BOUNDARY.

East Bdy. T. 13 N. R. 4 F.

```
Chains.
               From the corner of secs. 25, 30, 31 and 36,
               Thence I run
               North on a random line, south half, between secs.
                   25 and 30.
               Find no trace of 1 sec. corner; set temporary and
40.00
                   continue random north.
               Intersect E. and W. line 108 lks. W. of corner of secs. 19, 24, 25 and 30, which is a sandstone, 4x8x8 ins. above ground. marked and witnessed as described by the Gen. Land Office. To further
79.80
                   establish corner:
                        An aspen, 4 ins. diam., bears N. 26° F., 29
lks. dist., marked T 13 N R 5 E S 19 B T
An aspen, 7 ins. diam., bears S. 69°10' E., 6
lks. dist., marked T 13 N R 5 E S 30 B T
An aspen, 3 ins. diam., bears S. 16°30' W., 3
lks. dist., marked T 13 N R 4 E S 25 B T
An aspen, 4 ins. diam., bears N. 48°15' W., 4
lks. dist., marked T 13 N R 4 E S 24 B T
                                                                                                            67
               Thence I run

S. 0°46' W. on a true line, between secs. 25 and 30; ascend R. E. slope, through aspen thicket and bear
               Leave aspen and brush, bears F. and W. Top of ridge, bears F. and W., 100 ft. above cor-
10.00
12.00
               ner; descend E. slope through prairie.
Dry drain, course N. E., 250 ft. below top of ridge.
24.50
                   Ascend N. W. slope.
               Set a sandstone 18x16x14 ins., 12 ins. in ground, for \( \frac{1}{2} \) sec. corner, marked \( \frac{1}{2} \) on \( \W. \) face; raise a mound of stone, \( \xi \) ft. base, \( \xi \) ft. high, \( \W. \) of
39.90
                   corner.
                Top of ridge, bears N. F. and S. W., 300 ft. above
50.00
               drain. Descend S. slope.

Theave prairie, enter aspen, bears E. and W.

Dim road, bears H. E. and S. W.

Corner of secs. 25, 30, 31 and 36, heretofore des-
52.00
68.30
79.80
                    cribed.
                Land, mountainous.
                Soil. 4th rate.
                Formation, granite.
                Timber, aspen and bear brush.
                                                                          October 4. 1904.
                    toler 5: At 8.30 a.m. set off 4°42' S. on the declination are and 41°50' on the latitude are
                October 5:
                    and determine a true meridian with the solar.
                Thence I run
                North on a random line, south half, between secs.
                    19 and 24.
                Intersect E. and W. line 35 lks.E. of 5 sec. corner,
40.23
                    which is a sandstone 5x8x6 ins. above ground,
                    marked and witnessed as described by the Gen. Land
                    Office. To further establish comer:
                         An aspen, 6 inc. diam., bears S. 44°50' E., 17 lks. dist., marked & S 19 B T An aspon, 9 ins. diam., bears N. 38°10' W., 67 lks. dist., marked & S 24 B T
                Thence I run

S. 0°30' E. on a true line, south half, between secs.

19 and 24; ascend N. E. slope, through aspen,
some bear brush.

Top of ridge, bears E. and W. Descend E. slope.
 20.00
                Dry drain, course S. E.; thence along T. slope.
Trail, bears W. and S. E.
Set Boundary Post No. 58, which is an iron post, with
brass cap. 4 ft. long, 4 ins. diam., 3 ft. in the
 28.73
 28.93
 40.17
                    ground, for witness corner to corner of secs. 19,
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East Bdy. T. 13 N., R. 4 F.

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24, 25 and 30, marked on cap. T 13 N S 19 W C on H. E. R 5 F S 30 on S. E. S 25 on S. W.
Chains.
               R4E S 24 on N. W.
               No. 58 on 3.
               RESERVE in S. W. and N. W. quadrants, with 2
               notches on I. and 4 notches on I. edges.
            Corner of secs. 19, 24, 25 and 30, heretofore
40.23
               described.
            Thence I run
            North on a random line, north half, between secs.
               19 and 24.
            Intersect E. and W. line 31 lks. E. of corner of secs. 13, 18, 19 and 24, which is a sandstone
40.17
               Exlor8 ins. above ground, marked and witnessed as described by the General Land Office.
           Thence I run

2. 0°27' E. on a true line, north half, between
secs. 19 and 24; ascend N. slope through prairie.

Set Boundary Post Ro. 59, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
in the ground, for witness corner to corner of
   .06
               in the ground, for witness corner to co secs. 13, 18, 19 and 24, marked on cap: T 13 N S 18 W C on N. E.
               R 5 E S 19 on S. E.
               2 24 on 3. W.
R 4 T S 13 o
                         S 13 on E. W.
               Mo. 59 on S.
               RESERVE in S. W. and M. W. quadrants, with 3
            notches on S. and N. edges.

Trail, bears N. W. and S. E.

Spring drain, S. lks. wide, 1 in. deep, course R.

Enter uspen, bears N. V. and C. W. Leave prairie.
 6.27
 8.67
            Enter aspen, bears M. Road, bears T. and W.
15.00
30.52
              sec. corner heretofore described.
40.17
            Land, mountainous.
            Soil, 4th rute.
                               aspen and bear brush.
            Timber, none: aspen a Formation, limestone.
            From the corner of secs. 13, 18, 19 and 24.
            Thence I run
            North on a random line, south half, between sees.
                13 and 18.
            Intersect T. and W. line 13 lks. W. of 1 sec. corner,
39.68
               which is a candstone ExEx12 inc. above ground.
               murked and witnessed as described by the General
               Land Office.
            Thence 1 run

5. 0°11' W. on a true line, south half, between

8008. 13 and 18, over almost level land, through
                prairie, some sage and grosse brush.
             Eogin descent over S. slope.
  8.00
            Loave prairie, enter aspen, bears F. and W.
Spring drain, 6 lks. wide, 2 ins. deep, course E.
Foot of 150-foot descent; ascend gradual R.E.
 21.00
 21.88
                slope.
             Leave aspen, bears N. E. and S. W.; enter prairie, some scattering aspen.
 27.00
             Corner of secs. 13, 18, 19, and 24, heretofore
 39.68
                described.
             From the \frac{1}{4} corner between secs. 13 and 18.
             Thence I run
             N. on a random line, north half, between secs. 13
                and 18.
             Intersect E. and W. line 51 lks. W. of corner of
 40.24
                secs. 7, 12, 13 and 18, which is a granite stone
                6x8x8 ins. above ground, marked and witnessed as
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East Bdy. T. 13 N., R. 4 D.

, a.

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described by the General Land Office.
Chains.
             Thence I run

S. 0°44' W. on a true line, north half, between
sees. 13 and 18; ascend E. slope through prairie.
Changes to gradual F. W. slope.
  3.00
              sec. corner heretofore described.
40.24
             Land, mountainous.
             Soil, 4th rate.
             Timber, none; aspen brush.
             Formation, granite.
             From the corner of secs. 7, 19, 18 and 13,
             Thence I run
             North on a random line, south half, between secs.
                 7 and 12.
             Intersect E. and W. line 65 lks. W. of & sec. corner, which is a sandstone 6x8x8 ins. above ground marked and witnessed as described by the General
 40.15
                 Land Office.
             Thence I run
S. 0°56' W. on a true line, south half, between
sees. 7 and 12. Descend S. E. slope, through
                 prairie, some sage brush.
              Road from mountains to Bear Lake, bears N. F. and
  7.15
              S. W. Road boars W. W. and C. F.
 12.65
             Meave prairie, enter aspen, bears E. and W. Dry creek, course U. E., 100 ft. Below ! sec. corner; thence across bottom of creek.
 13.00
14.45
              Road from mountains to Bear Lake, bears T. and W.,
 19.15
                 wood road.
              Regin ascent, over M. F. slope.
Leave aspen, bears F. and W., enter prairie.
Road from mountains to Bear Lake, bears E. E. and
 19.50
 38.45
 38.65
                 S. W.; top of ridge bears H. F. and S. F., 100
              ft. above drain; thence along E. slope.
Set Boundary Post No. 60, which is an iron post,
with brass cap, 4 ft. long, 4 ins. in diam., 3 ft
in the ground, for witness corner to corner of
 40.09
                 in the ground, for witness corner to c secs. 7, 12, 13 and 18, marked on cap: T 13 N & 7 W C on R. F. R 5 E S 18 on C. E.
                 S 13 on S. W.
                 R 4 H S 12 on N. W.
                 No. 60 on S.
                 RESURVE in S. W. and N. W. quadrants, with 4 notches on S. and 2 notches on T. edges.
              Corner of secs. 7, 12, 13 and 18, herotofore des-
 40.15
              cribed. From the 1 corner between secs. 7 and 13,
              Thence I run
              N. on a random line north half, between secs. 7 and
                  12.
              Intersect D. and W. line 26 lks. D. of corner of
  40.07
                  secs. 1, 6, 7 and 12, which is a granite stone, 6x8x4 ins. above ground, marked and witnessed as described by the General Land Office.
              Thence I run
S. 0°22' E. on a true line, north half, between
secs. 7 and 12; descend S. E. slope, through
                  aspen brush.
               Road from mountains to Bear Lake, bears E. and E.
  21.57
               Dry drain, course
  25.37
               Deave aspon, bears E. and W.; enter prairie.
  31.50
               1 sec. corner heretofore described.
Land, mountainous.
Soil, 4th rate.
  40.07
               Timbor, none; aspen brush.
```

Fast Bdy. T. 13 H., R. 4 H.

```
Chains. Formation, granite.
                 I set off 4°46' S. on the declination are and at
                11h55m observe the sun on the meridian. The resulting latitude is 41°53', at the corner of secs. 1, 6, 7 and 12.

Thence I run
                North on a random line, south half, between secs.
                    l and 6. attended it inc. south half, between sees. attersect T. and ". line 82 lks. W. of 4 sec. corner, which is a quartzite stone 5x8x8 ins. above ground, marked and witnessed as described by the General Land Office.
40.08
                 Intersect
                 Thence a run
C. 1°10' N. on a true line, south half, between
                     acce. I and 6, along T. slope, through prairie,
                some scattering asren brush.

Dry drain, course F. Ascend F. slope.

Eidge, bears F. and F. Pescend C. slope.
14.00
20.00
25.58
               Dry drain, course F., 50 ft. below ridge; ascend
                    R. alope.
              Leave prdirie, enter aspen, bears E. and V.
Top of ridge, bears T. and W. Deweend C. E. slope.
Set Foundary Fost No. 61, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
in the ground, for witness corner to corner of
secc. 1, 6, 7 and 12, marked on cap:
T 13 H C 6 G C on H. T.
29.50
35.00
40.00
                     0 12 on 7. A.
R 4 B. C 1 on H. V.
                             63 on C.
                          THAT in (: 7. and H. W. quadrents, with 5
               notches or 7. and 1 notch on H. edges.
Corner of recs. 1, 6, 7 and 12, heretofore des-
40.08
                     cribed. corner letween sees. 1 and 6,
                 From the
                  Chance I run
                  North on a random line between secs. 1 and 6.
                 Corner supposed to be closing corner of T. 13 R.,
                 Corner supposed to be closing corner of T. 13 H.,
Ec. 4 and 5 V., which is a condition 6x8x10 ins.
where ground, marked C C on C., with 6 notches
on all four sides, witnessed by mound of stone on
cast. Cerner bears T. 15 lks.
Thence I run
T. Oblit S. on a true line, north half, between sees.
I and 6; ascend E. T. slope, through scattering
47.73
                     aupen brush.
                 beave brush, bears F. F. and C. V. Enter prairie. Sot Foundary Post No. 62, which is an iron post, with brass cap. 4 ft. long. 4 ins. in diam., 3 ft. in the ground, for forest reserve boundary line jost, marked on cap:
No. 62 on T.
30.00
35.37
                 No. 62 on ...
Reserve in C. W. and N. h. ouadrants.
Rena from mountains to Rear Take, bears N.F. and C.W.
Top of ridge, lears F. F. and C. W. 100 ft. above corner; descend C. W. aloge, through scattering
 35.73
 40.00
                      aspon brush.
                    sec. corner heretefore described.
 47.73
                  Land, mountainous.
Soil. 4th rate.
                  Timber, none; aspen brush. Formation, granite.
                                                                                 October 5, 1904.
                                           At 9 a.m., 1.m.t., I set off 5°52' S. on
                  October 8:
                      the declination are and 41°54' on the latitude are
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East Bay. T. 13 N., R. 4 E.

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and determine a true meridian with the solar. Thence from supposed closing corner T. 13 N., R. 4
Chains.
                 I continue North on a true line, between secs. 1 and
                 6, through scattering aspen along T. slope.
Intersect T. boundary of T. 14 N., R. 4 F., 2.65
chs. West of a sec. corner on south boundary of
soc. 36, which is a granite stone 6x8x8 ins.
  6.02
                      above ground, marked and witnessed as described by the General Land Office.
                 At intersection set Boundary Post No. 63, which is an iron post, with brass cap, 4 ft. long, 4 ins. in diam., 3 ft. in the ground, for forest reserve boundary line post, marked on cap:
                      No. 63 on C.
                      RESTRVE in C. W. quadrant.
                                      South Bay. T. 14 N., R. 4 E.
                 Thence I run
E. 89°15' W. on a random line, west half, along
south boundary of sec. 36, south boundary T. 14 N.,
                      R. 4 D.
                  Intersect K. and E. line w 23 lks. S. of corner of
38.60
                      sees. 1, 2, 35 and 36, which is a limestone 8x10x24
                       ing. in mound of stone.
                                                                            I reset corner.
                  Thence I run
N. 89°36' T. on a true line, west half, between
sees. 1 and 36; ancond W. slope through prairie,
                 seme aspen.

Set Foundary Post No. 64, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of sees. 1, 2, 55 and 56, marked on cap:

T 14 N S 36 W C on N. E.

R 4 T S 1 on S. E.

T 13 N S 2 on S. W.
                       some napon.
     .06
                       S 35 on H. W.
                       Ro. 64 on C.
                  RESERVE in S. E. and S. W. quadrants, with 1 notch on T. and 5 notches on W. odges.

Top of ridge, bears H. and S. Deucend E. slope.

Boundary Post No. 63, heretofore described, 200

ft. below top of ridge.
  8.00
 38.60
                   Land. mountainous.
                   Soil, 4th rate.
                   Timber, none; seyon bruch.
                   Formation, granite.
                   Thence I run
                   tween sees. 2 and 35.

Intersect R. and C. line 15 lks. N. of 4 sec. corner, which is a limestone, 18x10x8 ins. in mound of a utone; react same 12 ins. in ground, from which:

A makedomy. 6 ins. diam., bears N. 66° E., 129
                   South 89°15' W. on a random line, east half, be-
 38.50
                   A mahogany, 6 ins. diam., bears N. 66° E., 129
1ks. dist., marked 2° S 35 B T

A mahogany, 10 ins. diam., bears S. 43°15' W.,
160 lks. dist., marked 2° S 2° B T

I set off 5°55' S. on declination are, and at
11h48m l.m.t. observe the sun on the meridian.
The resulting latitude is 41°54', which is the
                   proper latitude.
Thence I run
N. 89°02' E. on a true line, east half, between
                        secs. 2 and 35; along 3. slope, through scattering mahogany, fir and pine.
```

Begin descent over R. E. slope.

12.00

```
Chains
            Drain, course N., 250 ft. descent; ascend W. slope. Corner of secs. 1, 2, 35 and 36, heretofore described. From the 1 corner between secs. 2 and 35
36.50
38.50
             Thence I run

C. 89°15' W. on a random line, west half, between
                secs. 2 and 35.
39.25
             Intersect N. and S. line 15 lks. S. of corner of
                secs. 2, 3, 34 and 35, which is a limestone 8x10x18 ins. in small mound of stone.
             Recetablish corner by setting stone 12 ins. in the
                ground, from which
                     A fir, 17 ins. diam., bears H. 69°40' E., 12 lks. dist., marked T 14 K R 4 E S 35 B T A spruce, 1f ins. diam., bears E. 12°45' E., 17 lks. dist., marked T 13 K R 4 E S 2 B T A spruce, 12 ins. diam., bears E. 57°05' W., 15 lks. dist., marked T 13 N R 4 E S 3 B T A fir, 10 ins. diam., bears H. 56°35' W., 19 lks. dist., marked T 14 H R 4 E S 34 B T ac I rum
            N. 89°28' T. on a true line, west half, between cccs. 2 and 35; ascend R. T. slope, through spruce
                and fir timber.
            Set Loundary Post Ro. 65, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 2, 3, 34 and 35, marked on cap:

T 14 N C 35 N C on N. R.
   .06
                T 14 N C 35 N C on
R 4 T C 2 on S. E.
T 13 N C 3 on S. W.
S 34 on N. W.
No. 65 on T.
                RESERVE in S. E. and S. W. quadrants, with 2
             notches on F. and 4 notches on W. edges.
Top of ridge, bears F. and F. Leave apruce and fir
 7.00
                timber, bears E. and S. Descend S. E. slope, through scattering sprace and fir timber, aspen
                and mohogany brush.
             Fort of 15 -foot descent. Ascend . slope. Top of ridge, tears W. and S. Thence along S.
31.50
37.75
                slope.
              sec. corner heretofore described. Corner falls at
39.25
                head of small drain, course S.
             Land, mountainous.
             Soid, 4th rate.
             Timler, spruce and fir; aspen brush.
             Formation, limestone.
                                                               October 8, 1904.
             October 9: Rain.
October 10: At 1 p.m., 1.m.t. I set off 6°42' S.
                on the declination are and 41°54' H. on the lati-
                 tude are and determine a true meridian with the
                solar at the corner of sees. 2, 3, 34 and 35.
             Thonce I run
c. 80°15' W. on a random line, east half, between
             secs. 3 and 34. Find no trace of 5 sec. corner; set temporary and
40.00
                 continue west.
             Intersect M. and S. line 9 lks. M. of corner of
82.18
                 secs. 3, 4, 33 and 34, which is a limestone 4x12x18 ins. in small mound of stone.
             Reestablish corner by setting stone 1f ins. in the
                              Corner stone is properly marked, from
                 ground.
                      A pine, 28 ins. diam., S. prong of double tree,
bears N. 13° F., 107 lks. dist., marked
                 T 14 N R 4 F S 34 B T
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South Bdy. T. 14 N., R. 4 E.

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A pine, 38 ins. diam., bears S. 74°50' E., 40 lks. dist., marked T 13 N R 4 E S 3 B T A fir, 9 ins. diam., bears N. 79°30' W., 437 lks. dist., marked T 14 N R 4 E S 33 B T No tree taken in S. 4.

Thence I run
N. 89°11' E. on a true line, between secs. 3 and 34° descend N E slope through secttaring sprus
Chains.
                                                                                              400
                 34; descend N. F. slope through scattering spruce
                 pine and fir timber, some aspen brush.
             Dry drain, course S. E.; thence along S. slope.
Leave scattering timber and aspen, bears N. and S.,
 6.69
19.00
                 enter prairie.
22.09
             Road, bears N. and S.
             Set Boundary Post No. 66, which is an iron post, with brass cap. 4 ft. long, 4 ins. diam., 3 ft. in the ground, for forest reserve boundary line
22.19
                 post, marked on cap:
                 Ño. 66 on S.
                 RFSERVE in S. E. and S. W. quadrants; 50 ft. below
                 corner, ascend S. W. slope.
             Top of ridge, bears N. and S. Descend E. slope.

Set a limestone 6x10x18 ins., 12 ins. in the ground for \( \frac{1}{4} \) sec. corner marked \( \frac{1}{4} \) on N. face; raise a mound of stone, 2 ft. base, 1\( \frac{1}{4} \) ft. high, N. of
35.00
41.09
                 corner.
                               course S.
                                                  Ascend W. slope.
42.17
             Dry drain,
             Top of small sharp ridge, bears N. and S.; some large spruce trees scattered along this ridge
46.19
                 near the top; continue through prairie, descend
                 E. slope.
              Trail, course N. E. and S. W. Ascend N. W. slope.
52.58
              Leave prairie; enter spruce and fir timber, bears R. F. and S. W.
57.70
              Corner of secs. 3, 4, 33 and 34, heretofore des-
82.18
                 cribed, 250 ft. above trail.
              Land, mountainous.
              Soil, 4th rate.
              Timber, spruce, pine and fir; some aspen brush. Formation, limestone.
                                                                 October 10, 1904.
                 tober 11: At 8 a.m., 1.m.t., I set off 6°59' S. on the declination are and 41°54' N. on the lati-
              October 11:
                tude are, and determine a true meridian with the
                  solar.
              At the corner of secs. 3, 4, 33 and 34,
              Thence I run
              S. 89°15' W. on a random line, east half, between
                  secs. 4 and 33.
              Intersect N. and S. line 9 lks. S. of & sec. corner, which is a limestone 5x7x20 ins. in small mound of
41.22
              Recetablish corner by setting stone 15 ins. in the
                 ground, which is properly marked, from which:

A pine, 6 ins. diam., bears H. 5°05' E., 387

lks. dist., marked 1 S 33 B T

A pine, 10 ins. diam., bears S. 32°30' W., 180

lks. dist., marked 2 S 4 B T
              Thence I run
N. 89°23' E. on a true line, east half, between
                  secs. 4 and 33; ascend W. slope, through pine, spruce and fir timber.
               Top of ridge, bears E. and S.
                                                                   Descend E. slope.
  1.00
               Changes to S. slope.

Begin descent over S. E. slope, some scattering aspen.

Set Boundary Post No. 67, which is an iron post,

with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
  8.00
 25.00
 41.16
                  in the ground, for witness corner to corner of
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LOGAN FOREST RESERVE BOUNDARY.

South Edy. T. 14 H., R. 4 E.

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secs. 3, 4, 33 and 34, marked on cap: T 14 N \pm 34 V C on N. \pm.
Chains
                 R4F S3 on S. E.
T13 N S4 on S. W.
                 S 33 on N. W.
                 No. 67 on S.
                 RESERVE in S. E. and S. W. quadrants, with 3
                 notches on E. and 3 notches on W. edges.
             Corner of secs. 3, 4, 33 and 34, heretofore described, 450 ft. below ; sec. corner.

From the ½ corner between secs. 4 and 33

Thence I run
41.22
              S. 89°15' W. on a random line, west half, between
                 secs. 4 and 33.
             Intersect N. and S. line 2 lks. N. of corner of secs. 4, 5, 32 and 33, which is a limestone 3x12x18 ins. in mound of stone.
40.42
              Recstablish corner by setting stone 18 ins. in the
                ground, which is properly marked, from which:
A pine, 8 ins. diam., bears N. 48 50 E., 46
lks. dist., marked T 14 N R 4 F S 33 B T
                      A pine, 14 ins. diam., bears S. 55° E., 48 lks. dist., marked T 13 N R 4 E S 4 B T
                      A pine, 16 ins. diam., boars S. 28°20' W., lks. dist., marked T 13 N R 4 F S 5 B T
                      A pine, 6 ins. diam., bears N. 56°35' W., 35 lks. dist., marked T 14 N R 4 E S 32 B T
             Thence I run

N. 89°13' E. on a true line, west half, between sees. 4 and 33; descend E. E. slope through pine, spruce and fir timber.

Set Boundary Post No. 68, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of sees. 4, 5, 32 and 33, marked on cap:

T 14 N S 33 W C on N. E.

R 4 E S 4 on C. E.
   .06
                 R4E S4 on C. E.
                T 13 N S 5 on S. W. S 32 on N. W. No. 68 on S.
                 RESERVE in S. E. and S. W. quadrants, with 4
                 notches on E. and 2 notches on W. edges.
             Dry drain, course S. E., 50 ft. below corner; ascend
13.00
                 S. W. slope.
              4 sec. corner heretofore described, 700 ft. above
40.42
                 drain.
              Land, mountainous. Soil, 4th rate.
             Timber, pine, spruce and fir. Formation, limestone.
             At corner of secsa, 4, 5, 32 and 33, south bdy. T. 14 N., R. 4 E., I set off 7°04' S. on the declination are and at 11<sup>h</sup>53<sup>m</sup> observe the sun on
                                         The resulting latitude is 41°54'.
                 the meridian.
              Thence I run
              S. 89°15' W. on a random line, east half, between
             secs. 5 and 32.
Find no trace of ½ sec. corner; set temporary and continue S. 89°15' W.
40.00
              Intersect N. and S. line 17 lks. N. of corner of
81.60
                 secs. 5, 6, 31 and 32, which is a limestone,
                 18x10x8 ins. in small mound of stone.
              Reestablish corner by setting stone, which is prop-
                 erly marked, in ground, from which
A pine, 8 ins. diam., bears N. 56° W.,
dist., marked T 14 N R 4 E S 31 B T
                                                                                         180 lks.
                      No other trees taken.
              Thence I run
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Chains N. 89°08'Eon a true line, between secs. 5 and 32,
                             over rolling broken ground, through scattering
                             timber.
                       Set Boundary Post No. 69, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 5, 6, 31 and 32, marked on cap:
T 14 N S 32 W C on N. E.
R 4 E S 5 on S. F.
      .06
                            T 13 N S 6 on S. W.
S 31 on N. W.
No. 69 on S.
                             RESERVE in S. F. and S. W. quadrants, with 5
                             notches on E. and I notch on W. edges.
                       Dry drain, course S. Ascend N. W. slope.
Enter heavy spruce and fir timber, bears N. and S.
Top of ridge, bears N. and S., 150 ft. above drain;
11.10
15.00
22.50
                              thence along N. slope.
                       Set a limestone 22xl0x8 ins., 16 ins. in the ground, for $\frac{1}{2}$ sec. corner, marked $\frac{1}{2}$ on $\text{N}$. face, from which A pine, 20 ins. diam., bears $\frac{1}{2}$. $\frac{1}{2}$ $\f
40.80
                       A pine, 24 ins. diam., bears N. 49°35' W., 114
lks. dist., marked & S 32 B T
Thence descend N. F. slope.
Dry drain, course N. W. Ascend N. W. slope.
47.35
                        Leave timber, bears R. and S., enter prairie.
Top of ridge, bears R. and S., 150 ft. above drain;
descend R. T. slope.
53.60
66.00
                        Leave prairie, enter timber, bears E. and S., mostly
73.50
                              burned timber.
                        Corner of secs. 4, 5, 32 and 33, heretofere des-
81.60
                               cribed.
                        Land, mountainous.
                        Soil, 4th rate.
                         Timber, pine, spruce and fir.
                        Formation, limestone.
                                                                                                                 October 11, 1904.
                         October 12:
October 13:
                                                               Snow and rain.
                                                               Snow and rain.
                         October 14:
                                                               liovo camp.
                               tober 15: At 9.30 a.m., 1.m.t., I set off 8°30' 8. on the declination are and 41°54' H. on the lati-
                         October 15:
                                tude are and determine a true meridian with the
                         solar, at the corner of necs. 5, 6, 31 and 32. Thence I run S. 89°15' W. on a random line, east half, between
                                BOCB. 6 and 31.
                          Intersect N. and S. line, 25 lks. S. of 4 sec.
  39.74
                                corner, which is a limestone 15x10x8 ins. in
                                mound of stone; stone is properly marked.
                                Recetablish corner by setting stone in ground,
                                from which
                                         A pine, 5 ins. diam., bears N. 28° E., 18 lks. dist., marked 1 S 31 B T
A pine, 8 ins. diam., bears S. 25° E., 27 lks. dist., marked 1 S 6 B T
                          From the 1 corner between secs. 6 and 31
Thence I run
N. 89°36' F. on a true line, east half, between
secs. 6 and 31; ascend N. W. slope, through pine,
spruce and fir timber.
                           Top of ridge, bears N. E. and S. W., 450 ft. above
   19.00
                                  Bec. corner. Descend S. E. slope.
                           Dry drain, course S. E.
                           Leave timber, bears R. and S., continue through scattering timber.
   34.74
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35.50

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Chains.
 39.74
                Corner of secs. 5, 6, 31 and 32, heretofore des-
                    cribed.
                11.45 cloudy, work discontinued.
                                                                      October 15. 1904.
                October 16: Sunday.
                October 17: Snow.
October 18: At 10 n.m. limit. I set off 9°37' S. on declination archand determine a true meridian with the solar at the 1 corner between secs. 6
                   and 31.
                Thence I run S. 89°15' W. on a random line, west half, between
                    secs. 6 and 31.
 40.00
                Find no trace of corner of Tps. 13 and 14 H., Rs.
                    3 and 4 E.
                Set temporary corner.

October 20: I find temporary corner to be 1.85 chs.

west and 0.09 chs. south of corner of Tps. 13 and

14 N., Rs. 3 and 4 E., established October 19th.
                From said permanent township corner
                Thence I run
                N. 89°23' E. on a true line, between secs. 6 and 31, west half, south boundary T. 14 N., R. 4 D. Ascend steep W. slope through scattering timber.
               Enter heavy timber, bears N. and S. Changes to N. W. slope.
Side hill dry drain, course N. W.
   7.00
 16.00
 31.90
                1 sec. corner between secs. 31 and 6, heretofore
 38.15
                    described.
                Land, mountainous.
                Soil, 4th rate.
                Timber, pine, spruce and fir. Formation, limestone.
                At the corner of Tps. 13 and 14 N.
                                                                                Rs. 3 and 4 E.,
                    established October 19th heretofore described.
                Thonce I run
                West on a random line on east half, between secs.
                    36 and 1.
                Intersect N. and S. line 5.52 chs. N. of 4 sec. corner on south boundary of sec. 36, which is a
 47.19
                    limestone 6x8x8 ins. above ground, marked and witnessed as described by the Gen. Land Office.
                    To further establish corner I main
                         An aspen, 6 ins. diam., bears E. 80°50' E.,
68 lks. dist., marked & S 1 B T
An aspen, 4 ins. diam., bears H. 87°10' U., 41
lks. dist., marked & S 36 B T
                At \( \frac{1}{4} \) sec. corner south boundary sec. 36, south boundary T. 14 H., R. 3 E., I set off 10.23' S. on the declination are and at 11 58 limit.
                    observe the sun on the meridian. The resulting
                    latitude is 41°54'.
                Thence I run
N. 83°19' E. on a true line between secs. 1 and 36.
Ascend R. W. slope through aspen.
                 Whanges to broken W. slope.
Leave aspen, bears H. and C.; enter prairie.
Corner of Tps. 13 and 14 H., Rs. 3 and 4 H., here-
tofore described, 600 ft. above 2 sec. corner.
  10.00
  40.50
  47.19
                    tober 19: At ½ sec. corner between secs. 1 and 6, east boundary T. 13 H., R. 3 H., at 9 a.m., 1.m.t., I set off 9°58' S. on declination are and 41°53' H. on latitude arc, and determine a true moridian with the solor.
                 October 19:
                     true meridian with the solar.
                 Thence I run
```

North on a random line, between secs. 1 and 6.

East Bdy. T. 13 N., R. 3 E.

```
Chains
                   Find no trace of township corner.

Find no trace of $\frac{1}{2}$ sec. corner between secs. 31 and 36, T. 14 N., R. 3 E. Set temporary, continue
   40:00
   80.00
                       random N.
117.87
                   Intersect E. and W. line 1.96 chs. W. of corner of
                       secs. 25, 30, 31 and 36, east boundary T. 14 N., R 3 F., which is a limestone 6x6x10 ins. above ground, marked and witnessed as described by the General Lond Office.
                   Set off 10°01' S. on the declination are and at 11h58m observe the sun on the meridian. The
                       resulting latitude is 41°55'.
                   Thence I run

S. 0°57' W. on a true line between secs. 31 and 36.

Poscend E. E. slope through scattering aspen.

Road, bears E. and W., 50 ft. below corner;
    8.00
                       ascend M. W. slope.
                   Enter aspen thicket, bears E. and W. Top of ridge, bears E. and W., 150 ft. above road. Descend S. W. slope.
   10.00
   27.50
                   Drain, course II. W., 100 ft. below top of ridge;
   32.11
                       ascend N. W. slope.
                   Set a granite 15x10x6 ins., 10 ins. in ground, for leec. corner, marked len W. face, from which:

A maple, 4 ins. diam., bears N. 27°45' E.,
   39.29
                                  20 lks. dist., marked 2 S 31 B T
                              An aspen, 8 ins. diam., bears S. 36°30' W.,
                   144 lks. dist., marked 1 S 36 B T Top of spur, bears F. and W., 100 ft. above drain;
44.50
                        thence along W. slope.
                   Dry drain, course W. Ascend N. W. slope.
Leave aspen, bears D. and W.; enter prairie.
Set iron U. S. Forest Reserve Boundary Post No. 70,
which is an iron post, with brass cap, 4 ft. long,
4 ins. diam., 3 ft. in ground, for corner of Tps.
13 and 14 N., Rs. 3 and 4 E., marked on cap:
T 14 N S 31 W C on N. E.
   47.66
    49.00
   78.58
                                                           on E. E.
                                            6
                                                           on S. W. on W. W.
                       T 13 H
                                        S
                                        $ 36
                        R
                               70 on 8.
                        No.
                        RESERVE in S.E. and S.W. quadrants, with 6 notches on F.S.W. and M.edges; raise a mound of stone,
                   2 ft.base, 1% ft.high, E. of corner, from which:
A pine, 8 ins. diam., bears N. 31°45° E., 284
lks. dist., marked T 14 N R 4 E S 31 B T
Intersect random line on W. half of E. bdy. of sec.
31, 1.85 chs. E. of temporary corner set for
Tps. 13 and 14 N., Rs. 3 and 4 D., set October 18.
   78.67
                    Land, mountainous.
                    Soil, 4th rate.
                    No timber, aspen brush.
                    Formation, limestone.
                                                                                   October 19, 1904.
                    October 20: At 9.30 a.m., l.m.t., I set off 10°20's. on the declination are and 41°54' N. on the
                        latitude are and determine a true meridian with
                        the solar, at the corner of Tps.13 and 14 N., Rs. 3 and 4 E.
                    Thence I run

S. 57' W. on a true line between secs. 1 and 6,
east boundary T. 13 N., R. 3 F.; along west
slope through prairie, some scattering timber.
                    Begin descent over E. W. slope.
Dry drain, course N. W., foot of 150-foot descent.
Ascend N.W. slope, through heavy pine, spruce
    12.00
    17.50
                        and fir timber, some mahogany.
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East Bdy. T. 13 R., R. 3 D.

```
Chains
23.00
               Top of ridge, bears E. and W., 100 ft. above drain; descend F. W. slope.
               Dry drain, course ".. 100 ft. below top of ridge; ascend N. W. slope.
27.00
               Limestone ledge, 20 ft. high, bears H. E. and S. W. sec. corner between secs. 1 and 6, T. 13 N.,
Rs. 3 and 4 D., limestone 5x8x10 ins. above
37.50
39.20
                   ground, marked and witnessed as described by the General Land Office.
               Land, mountainous.
                Soil, 4th rate.
               Timber, sine, spruce and fir. Formation, limestone.
                                                                          October 20, 1904.
                                  South Bdy. T. 14 K., R. 3 E.
               October 21: At 1 sec. corner on south bdy. sec. 36, south bdy. of T. 14 F., R. 3 R., at 9 a.m., 1.m.t., I set off 10°41' S. on the declination are and
                    41°54' N. on the latitude are and determine a
                    true meridian with the solar.
                Thence I run
                West on a random line, west half, between secs.
                    1 and 36.
                Intersect H. and S. line 413 lks. S. of corner of
36.75
                    secs. 1, 2, 35 and 36, which is a granite 4x8x10
                    ins. above ground, marked and witnessed as des-
                    cribed by the Ceneral Land Office; mound of stone to N. To further establish corner I take:
                         M. To further establish corner I take:

An aspen, 8 ins. diam., bears M. 31°30' E., 27

lhs. dist., marked T 14 M R 3 E 2 36 B T

An aspen, 8 ins. diam., bears S. 21°15' E.,

26 lhs. dist., marked T 13 M R 3 E S 1 B T

An aspen, 8 ins. diam., bears C. 71°30' W., 6

lhs. dist., marked T 13 M R 3 E 2 B T

An aspen, 6 ins. diam., bears M. 40°30' W., 23

lhs. dist., marked T 14 M R 3 E 2 55 B T
                Thence I run
C. 83°35' E. on a true line, west half, between
                secs. 1 and 36, along H. slope, through agree.

Set imm Forest Reserve Poundary Post Po. 72, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 1, 2, 35 and 36, marked on cap:

T 14 P S 36 W C on F. T.
     .06
                                                      on \mathbb{E}_{\bullet}\mathbb{E}_{\bullet}
                         3 D
                                        1
                                                      on C.W.
                    T 13 H
                                                      on 17. 17.
                    8 35
                    No. 72 on f.
                    RESPRVE in S. F. and S. W. quadrants, with 1
                notch on E. and 5 notches on W. odges.

Begin descent over E.E. slope.

Leave aspen, bears E. and C.; enter willows.

Logan River, 60 lks. wide, course S. 30° W., 150 ft.

below corner; ascend S. W. slope through scatter-
   4.00
   9.00.
 15.94
                     ing aspen.
                 Road, bears N. and S.
Set Foundary Post No. 71, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
in ground, for forest reserve boundary line post,
 16.78
 17.34
                     marked on cap:
                     No. 71 on S.
                 RESERVE in S.E. and C.W. quadrants.
Spring drain, 20 lks. wide, 2 ins. deep, course
 26.59
                     S. W.; changes to M. W. slope.
                   sec. corner heretofore described.
 36.75
                 Land, mountainous.
                 Soil. 4th rate..
                 timber, none; aspen and willow brush.
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North Bdy. T. 13 N., R. 3 E.

Formation, limestone.

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From the corner of secs. 1, 2, 35 and 36,
  Chains.
                      Test on a random line between secs. 2 and 35.

After diligent search find no trace of 2 sec. corner.

Find no trace of corner of secs. 2, 3, 34 and 35.

Find no trace of 1 sec. corner.
  40.00
  80,00
120.00
                      Find no trace of a sec. corner.

Find no trace of corner of secs. 3, 4, 33 and 34.

Find no trace of a sec. corner.

Intersect N. and S. line 6 lks. North of corner of secs. 4, 5, 32 and 33, which is a limestone l5xl5xl2 ins. above ground. marked and witnessed as described by the General Land Office.
160.00
200.00
241.41
                      To further establish this corner I take
                      An aspen, 5 ins. diam., bears N. 59°10' E., 4
lks. dist., marked T 14 N R 3 E S 33 B T
An aspen, 6 ins. diam., bears S. 70°35' E., 1
lks. dist., marked T 13 N R 3 E S 4 B T
An aspen, 6 ins. diam., bears S. 20°45' W., 8
lks. dist., marked T 13 N R 3 E S 5 B T
An aspen, 5 ins. diam., bears N. 36°10' W., 4
lks. dist., marked T 14 N R 3 E S 32 B T
Hote: Random line finished October 22 at 12" 1.m.t
and corrected October 24, 1904.
                            and corrected October 24, 1904.
                      October 21, 1904.

October 24: At 9.30 a.m., I set off 11°48' S. on declination arg and 41°54' on the latitude arc,
                           and determine a meridian with the solar at the corner of secs. 4, 5, 32 and 33.
                      corner of secs. 4, 5, 32 and 33.

Thence I run

N. 89°59° F. on a true line between secs. 4 and 33;
gradually ascending E. W. slope, through aspen.

Sot Foundary Fost Ro. 75, which is an iron post, with brase cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs.

4, 5, 32 and 33, marked on cap:

T 14 F 2 33 W C on H. F.

R 3 F 5 4 On S F
        .06
                            R 3 F. S 4 On S. F.
                            T 13 R
                                              255 on C. W.
                            S 32 on N. W.
                           No. 75 on S., and
                      RESERVE on S. sides of top, with 4 notches on F., and 2 notches on W. odges of rim.
Leave aspen thicket, bears M. and F.
     5.00
                       Top, 75 ft. above corner, slopes S. E., bears H.W.
   11.00
                           and S. H. Descond broken H. B. slope.
                       Small drain, course V. 200
   39.00
                      Set a granite stone 32x15x10 ins. 24 ins. in the ground, for a sec. corner, marked a on M. face,
   40.23
                            from which:
                      An aspen, 5 ins. diam., bears S. 78°35' W., 110
lks. dist., marked [S 4 F T
A fir, 20 ins. diam., bears C. : 84°05' F.,
310 lks. dist., marked [S 4 E T
A few scattering trees south of line.
Fnter aspen thicket, bears E. W. and S. E., slope
   50.00
                       changes to T.
Set Roundary Post Ro. 74, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in
the ground, for corner of secs. 3, 4, 33 and 34,
   80.47
                            marked on cap:
                                             3 34 on N. T.
                            T 14 II
                           R 3 L S 3 on S. L.
T 13 N S 4 on S. W.
                            S.33 on N. W.
No. 74 on S., and
                            RESERVE on S. sides of top, with 3 notches on F.
                            and W. edgos of rim, from which:
An aspen, 7 ins. diam., bears N. 47°20' E.,
lks. dist., marked T 14 N R 3 F S 34 B T
                                    An aspen, 6 ins. diam., bears S. 55°50' E., 60
                                         1ks. dist., marked T 13 N R 3 E 8 3 B T
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North Bdy. T. 13 N. R. 3 E.

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An aspen, 4 ins. diam., bears E. 55°40' W., 16 lks. dist., marked T 13 N R 3 F S 4 B T An aspen, 4 ins. diam., bears N. 35°10' W., 14 lks. dist., marked T 14 N R 3 F S 33 B T
Chains.
                    Land, mountainous.
                    Soil, 4th rate.
                    Timber, aspen, some pine south.
                    Formation, limestone.
                    I set off 11°51' S. on the declination arc, and at 11<sup>h</sup>50<sup>m</sup> by my watch observe the sun on the meridian and obtain a reading of 41°54' on the latitude arc at the corner of secs. 3, 4, 33 and 34.
                    Thence I run
R. 89°59' E. on a true line between secs. 3 and 34.
                         Corner about 400 ft. below top of ridge; over
                   Corner about 400 ft. below top of ridge; over relling land, through scattering aspen thickets. Drain, course N. E. Ascend.

Top of spur, 75 ft. above drain, slopes N.

Same drain, course S. E., about 150 ft. below top of spur; thence over rolling broken land.

Set a limestone 24x20x10 ins., 18 ins. in the ground for 1 sec. corner, marked 2 on N. face, from which:
  1.50
    7.00
37.00
40.23
                         which:
                                An aspen, 5 ins. diam., bears N. 55°40' E., 8 lks. dist., marked 2 S 3 B T
An aspen, 5 ins. diam., bears S. 51°40' W., 30 lks. dist., marked 2 S 34 B T
62.00
                    Drain, course 3.
77.00
                    Drain, course S.
                    Leave aspen thicket, bears H. and S. E.
Set Boundary Post No. 73, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
in the ground, for corner of secs. 2, 3, 34 and
77.50
80.47
                         35, marked on cap:
                         T 14 H S 35 on H. F.
                         R 3 E 8 2 on S. F.
T 13 E 8 3 on S. W.
S 34 on E. W.
No. 73 on S., and
RESTRYF on S. sides of top, with 2 notches on E.
                         and 4 notches on W. edges of rim, from which:

An aspen, 4 ins. diam., bears S. 21°20° E.,

83 lks. dist., marked T 13 H R 3 D S 2 B T

An aspen, 4 ins. diam., bears S. 20°50° W., 72

1ks. dist., marked T 13 H R 3 F S 3 B T

Dig pits 18x18x12 ins. in each section, 5½ ft.
                         dist., and raise a mound of earth, 4 ft. base, w 2 ft. high, west of corner.
                    Land, mountainous.
                    Soil, 4th rate.
                    Timber, aspen.
                     Formation, limestone.
                    H. 89°59' E. on a true line between secs. 2 and 35,
                    ascending S. W. slope, sage brush prairie.
Leave prairie and enter aspen and dense undergrowth.
Top of ridge, bears N. 70° W. and S. 70° F., 125
13.00
16.00
                    ft. above corner. Descend E. F. slope.
Set a limestone 18x12x7 ins., 14 ins. in the ground,
for 2 sec. corner, marked 2 on E. face; from which:
40.23
                     An aspen, 9 ins. diam., bears N. 17° E., 22

lks. dist., marked $ S 35 B T

An aspon, 7 ins. diam., bears S. 9°30' W., 37

lks: dist., marked $ S 2 B T

Slope changes to N. about 500 ft. below top of
 73.00
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ridge.

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LOGAN FORFOR RICERY, BOUNDARY.
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North Bdy. T. 13 N., R. 3 N.

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Chains	(White City Company of and principles of the principles of the state and the state and the state of the stat
80.47	The corner of sees. 1. 2. 35 rrd 36 horstoform
	described.
	Land, mountainous. Soil, 4th rate.
	Timber, aspen,
	Formation, limestone; undergrowth, bear brush or larb.
	Getober 74, 1904.
	October 22: At 2 p.m. I set off 11°C7' 5. on the
	declination are and 41°54' on the latitude are
	and determine a true meridian with the colar, at the corner of secs. 4, 5, 32 and 33.
	Thence I run
40.60	West on a random line between secs. 5 and 32.
40.00	Intersect N. and S. line, 76 lks. N. of 1 sec. corner, which is a granite laxlex10 ins. above
	ground, marked and witnessed as described by the
	General Land Office. Thence I run
	N. 89°38' E. on a true line between secs. 5 and 32,
65.36	east half; descending N. F. slope.
25.10	Dinin, course C. E., 125 ft. below & corner; ascend 125 ft. to sec. corner; also enter aspen, bears
ļ.	R. W. and S. E.
40.60	Corner of secs. 4, 5, 32 and 33, heretofore des-
	Thence I run
	West on random line, between secs. 5 and 32, west
40.20	half. Intersect W. and C. line, 70 lks. S. of corner of
	secs. 5, 6, 31 and 32, which is a granite 8x12x12.
	ins. above ground, regret and witnessed as dos- cribed by the Gen. Land Office, except the mound is
	A. instead of W. of corner. We further establish
	This corner I take: A spruce, 15 inc. diam., bears E. 76°30' E.,
	53 lks. dist., marked T 14 H R 3 H S 32
	B T
	A spruce, 36 ins. diem., bears S. 53°30° F., 54 lks. dist., marked T 13 N R 3 F S 5 B T
	No other suitable trees within limits.
1	Thence I run S. 89°43° E. on a true line between sees. 5 and
	32, west half. (This corner is in west edge
.06	of basin draining (.) Set Boundary Post No. 76, which is an iron post,
.06	with brass cap. 4 ft. long. 4 ins. diam., 3 ft.
	in the ground, for witness corner to corner of
	secs. 5, 6, 31 and 32, marked on cap: T 14 N S 32 W C on N. E.
	R 3 E S 5 on C. E.
	T 13 N S 6 on C. T. S 31 on N. W.
1	No. 76 on S., and
*	RESERVE on S. sides of top, with 5 notches on E. and 1 notch on W. edges of rim.
2.20	Bogin ascent, through heavy timber, S. W. slope.
27.50	Top of ascent, 100 ft. above corner. Leave timber,
40.20	bears R. and C.; thence along E. slope.
ZU • NU	Land, mountainous.
	Soil, 4th rate.
	Timber, sprace. Formation, limestone.
,	

From the corner of secs. 31, 32, 5'and 6, I run

HOGAN FOREST RESURTE BOSINARY. North Pay. F. 18 N., E. 5 T.

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West on random line, between secs. 6 and 31.
Intersect I. and f. line 1 lk. S. of 1 sec. corner, which is a limestone in place 30x16x15 ins. chove
Chains
40.36
                    ground, marked and witnessed as described by the
                    Gen. Land Office. To further establish corner:
                         A spruce, 24 ins. diam. bears T. 22° W., 65 lks. dist., merked & 31 T T

A spruce, 50 ins. diam., bears C. 73° W., 105 lks. dist., marked & 8 6 P T
               Thence I run

C. 69°59' E. on a true line between sees. 6 and 31.
cost half. Descend C. E. slope through timber.

Drain, course S. E., 700 ft. below corner/gradually ascend C. E. slope.

Top of spur, slopes C. E., 75 ft. above drain.

Small lake bears S. about 20.00 chs. dist.
19.00
27.50
35.00
40.36
                Corner of sees. 5, 6, 31 and 32, heretofere des-
                    cribed.
                                                                           October 22, 1904.
                October 25: At 10 a.m. I set off 11°25' E. on the
                    acclination are and 41°54' on the latitude are,
               and determine a true moridian with the solar. At the 2 corner between sees. 6 and 31 Thence 1 run
                West, on a random line, between secs. 6 and 31,
                    woot hulf.
                Intersect W. and S. line 9 lks. W. of corner of Tps. 13 and 14 H., Rs. 2 and 5 F., which is a limestone lemigrate iro. above ground, marked and witnessed by mound of stone. To further estab-
40.30
                    lish corner:
                          A spruce, 16 ins. diam., bears H. 68°30' E., 48 lks. dist., merhed T 14 H R 3 H S 51
                              n m
                          A spruce, 18 ins. diam., bears 2. 26°30° D., 173 lks. dist., marked 7 13 K R S T S 6
                              BT
                         A spruce, 14 ins. dism., Loars C. 46°15' U.,
60 lhs. dist., ranked T 13 H R 2 F 0 1 B T
L spruce, 16 ins. dism., Lears 1. 50°15' U.,
53 lhs. dist., marked T 14 H R L F F 36
                    A sink hole about 56 ft. acep bears f. 50 lks.
                dist.
Thence I run
N. 89 52' E. on a true line, between sees. 6 and 31,
west half; descending rough broken land through
                brass cap. 4 ft. long. 4 inc. diam., 3 ft. in ground, for witness corner to corner of Tps. 12 and 14 N.. Re. 2 and 3 E., marked on cap:

T 14 F S 51 W C on F. D.
    .06
                   T 14 H S 51 L C C.
R 3 E S 6 on 8. L.
T 13 H S 1 on 8. T.
R 2 E S 36 on T. W.
                    No. 77 on S., and
                RESERVE on F. sides of top, with 6 notches on N., S., E. and T. edges of rim.

Head of drain, course S. E. about 400 ft. below
17.00
                    corner, gradually accend about 50 ft. to corner.
                 ¿ sec. corner heretofere described.
40.30
                Land, mountainous.
                Soil, 4th rate.
                Timber, spruce.
                Formation, limestone.
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North Bdy. T. 13 N., R. 3 E.

I set off 11°27' S. on the declination are and at 11^h51^m 1.m.t., observe the sun on the meridian and obtain a reading of 41°54' on the latitude are at the corner of Tps. 13 and 14 N., Rs. 2 and Chains. 3 E. Thence I run West on a random line between secs. 1 and 36. Intersect N. and S. line 1.14 chs. N. of 1/4 sec. cor-35.60 nor, which is a limestone in place 10x5x3 ft. above ground, marked on M.W. corner and witnessed by mound of stone north of same. To further establich corner: A spruce, 24 ins. diam., bears H. 68° E., 122 lks. dist., marked \$ \$ 36 B T
A spruce, 30 ins. diam., bears S. 84°30' W., 151 lks. dist., marked \$ \$ 1 B T Thence I run

R. 88°10' E. on a true line between secs. 1 and 36, ascending E. W. slope, through timber.

Top of divide between Logan River and Cache Valley, bears R. and S., about 250 ft. above ½ soc. cor-19.60 35.60 Corner of Tps. 13 and 14 H., Rs. 2 and 3 H., heretofore described. October 23, 1904. Note: October 24: Correct random.lines. October 25th and 26th move to west side of range of mountains. October 27: At 10 a.m. I set off 12°47' S. on the declination are and 41°54' on the latitude are and determine a true meridian with the solar at the 4 corner between sees. 1 and 36. Thonce I run West on a random line between secs. 1 and 36, west half. 43.77 Intersect N. and S. line 3.89chs. N. of corner of secs. 1, 2, 35 and 36, which is a granite 4x10x8 ins. above ground properly marked and witnessed by mound of stone I. of corner. To further establish corner A opruce, 16 ins. diam., bears C. 39°45' W., 254 lks. dist., marked T 13 H K 2 E S 2 A spruce, 24 îns. diam., bears N. 73°30' W., 266 lks. dist., merked T 14 H R 2 E S 35 No other trees within limits. From this corner a small epring bears S. 20° W., 15¢ 1ko. dist., Thonce I run

N. 84°15' E. on a true line between secs. 1 and 36,
west half; ascending broken and rough S. W. slope west mall; ascending broken and rough S. W. slo through scattering timber. Set Boundary Post No. 78, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 1, 2, 35 and 36, marked on cap: T 14 N S 36 W C on N. F. R 2 F S 1 on S. F. T 13 N S 2 on S. W. .06 T 13 N S 2 on S. W. S 35 on N. ₩. No. 78 on S., and RESERVE on S. sides of top, with 1 notch on E. and 5 notches on W. edges of rim. 1 sec. corner heretofore described. 43.77 Land, mountainous. Soil, 4th rate. Timber, spruce and scrub cedar.

Formation, granite and limestone.

LOGAN FOREST RESERVE BOURDARY.

Eorth Bdy. T. 13 H. R. 2 E.

I set off 12°49' S. on the declination are and at 11°50" 1.m.t. observe the sun on the meridian and obtain a reading of 41°54' on the latitude are at the corner of sees. 35, 36, 1 and 2.

Thence I run Chains . West on a random line between secs. 2 and 35. Find no trace of 2 sec. corner.
Intersect R. and S. line 5.60 chs. R. of corner of 40.00 76.D8 secs. 2, 3, 34 and 35, which is a limestone lexlox5 ins., in mound of stone, properly marked, and witnessed by mound of stone to the north and A spruce, 20 ins. diam., bears N. 52° F., 83 lks. dist., properly marked.

No other trees within limits.

Thence I run N. 85°48' E. on a true line between secs. 2 and 35. Descending through scattering timber. Head of drain, course S. 20° W. about 75 ft. below 18.00 Ascend. corner. Top of ridge, 50 ft. above drain, bears R. and S. Descend S. F. slope.
Small drain, 2 lks. wide, course S. E. 22.00 36.00 Set a limestone fox16x5 ins., 15 ins. in the ground, for 1 sec. corner, marked 1 on N. face, from 38.04 which: A mahogany, 8 ins. diam., bears E. 60°30° Æ.,
44 lks. dist., marked 1 S 35 B T
A spruce, 14 ins. diam., bears C. 65° E., 31
lks. dist., marked 1 S 2 B T
Emithfield Creek, 5 lks. wide, course S. W., 250 ft.
below top of ridge; ascend steep and broken rocky 250 ft. 48.10 Blone. Ascend steep rocky bluffs, bears . H. and C. Leave steep bluffs, continue ascent. Corner of secs. 1, 2, 35 and 36, heretofore des-cribed, 1150 ft; above Smithfield Creek. 52.00 69.00 76.08 Land, mountainous. Soil. 4th rate. Timber, spruce, sorub cedar and mahogany. Formation, limestone. October 27, 1904. October 28: At 10 n.m. I set off 13°08' S. on the declination are and 41°54' on the latitude are and determine a true meridian with the solar at the corner of secs. 34, 35, 2 and 3.

Thence I run West on a random line, between sees. 3 and 34.
After diligent search fail to find 2 sec. corner. 40.00 Intersect K. and S. line 25 lks. E. of corner of secs. 3, 4, 33 and 34, which is a limestone 4x12x7 ins. above ground, properly marked and witnessed as follows: A mound of stone to the 76.48 north. A spruce, 20 ins. diam., bears N. 60° E., 112 1ks. dist., properly marked.
A spruce, 12 ins. diam., bears 7. 40°30' E.,
60 lks. dist., properly marked.
A spruce, 20 ins. diam., bears S. 79°15' W., A spruce, 20 ins. diam., 122 lks. dist., properly marked.
A spruce, 24 ins. diam., bears N. 66°15' W.,
139 lks. dist., properly marked. ence I run

89°49° E. on a true line, between secs. 3 and 34.

Ascending N. W. slope, through timber.

Set Boundary Post No. 80, which is an iron post.

With brass cap. 4 ft. long. 4 ins. diam., 3 ft.

in the ground, for witness corner to corner of

secs. 3, 4, 33 and 34, marked:

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LOGAN FOREST RESTRUCT FOURDARY

North Bay. T. 13 R., R. 2 E.

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Ohains.
                  T 14 N S 34 W C on R. E.
                  R 2 E S 3 on S. E.
                  T 13 N S 4 on S. W.
S 33 on N. W.
                  No. 80 on S., and RESERVE on S. sides of top, with 3 notches on E.
              and W. edges of rim.
Top of ridge, 200 ft. above corner. Tescend S.E.
12.50
                  slope.
              True point for 1 sec. corner falls on limestone in place 22x30x40 ins. in place, at which point
38.09
                  marked with cross (+) and 2 on N. side of cross,
                  from which
                       A spruce, 24 ins. diam., bears H. 69°30' W., 263 lks. dist., marked & S 34 B T A spruce, 20 ins. diam., bears S. 45° E., 5
                           1ks. dist., properly marked by former sur-
              I set off 13°09' S. on the declination arc and at 11<sup>h</sup>48<sup>m</sup> 1.m.t., observe the sun on the meridian and obtain a reading of 41°54' on the latitude
             Head of drain, course S. 10° E.
Head of drain, course S. 30° W., about 800 ft. below
top of ridge, ascend 100 ft. to
Set Boundary Post No. 79, which is an iron post,
with brass cap, 4 ft. long, 4 ins. diam., 3 ft.
in kinggmand mound of stone, for witness corner
to corner of secs. 2, 3, 34 and 35, marked on cap:
T 14 K S 35 W C on N. E.
B 2 F S 2 or S F
41.60
72.60
76.12
                 R 2 E S 2 on S. F.
T 13 N S 3 on S. W.
S 34 on R. W.
                 No. 79 on E., and RESERVE on E. sides of top, with 2 grooves on E.
                  and 4 notches on W. sides of rim.
              Corner of secs. 2, 3, 34 and 35, heretofore des-
76.18
                  cribed.
              Land, mountainous.
              Soil, 4th rate.
              Timber, spruce.
              Formation, limestone.
                                                                     October 18, 1904.
              October 30: At 10 a.m. I set off 15°47' f. on the declination are and 41°54' on the latitude are and determine a true meridian with the solar at the corner of secs. 33, 34, 3 and 4.
              Thence I run
              West on a random line between secs. 4 and 33.
              Intersect N. and S. line 43 lks. S. of } sec. corner,
38.85
                 which is a limestone 5x10x6 ins. above ground, marked and properly witnessed by mound of stone E. of corner. To further establish corner I take:
                       A spruce, 14 ins. diam., boars S. 62°45' E.,
157 lks. dist., marked & S 4 P T
A spruce, 15 ins. diam., bears S. 71°45' W., 126
lks. dist., marked & S 4 B T
              Thence I rum

S. 89°23' 7. on a true line between secs. 4 and 33,
                                       Descend S. E. slope through scattering
                  east half.
              Drain, course S. W., 150 ft. below : sec. corner.
 6.30
                  Ascend W. slope.
              Side hill drain, course R. W. Corner of secs. 3, 4, 33 and 34, heretofore des-
15.30
38.85
                  cribed.
               I set off 13°49! S. on the declination are and at
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11^h50^m l.m.t. observe the sun on the meridian and obtain a reading of 41°54' on the latitude are at the \frac{1}{4} corner between secs. 4 and 33.
Chains
                Thence I run
                West on a random line between secs. 4 and 33,
                    west half.
                Intersect H. and S. line 48 lks. N. of corner of secs. 4, 5, 32 and 35, which is a granite stone in place 24:24x10 ins. above ground, properly marked and witnessed by mound of stone on the north. To further establish this corner I take:

A pine, 14 ins. diam., bears N. 21° E., 115
39.92
                          A pine, 14 ins. diam., bears N. 21° E., 115 lks. dist., marked T 14 N R 2 E S 33 B T A mahogany, 16 ins. diam., bears S. 19° E., 118s. dist., marked T 13 N R 2 E S 4 E T
                Thence I run
N. 89°19' L. on a true line between secs. 4 and 33,
                    west half; ascending rough broken W. slope, through scattering timber.
                Set Poundary Post No. 61, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs.

4, 5, 32 and 33, marked on cap:
T 14 H 2 33 W C on H. D.
E 2 H 3 4 on 8. D.
    .06
                    EST S4 on S. D.
T 13 H S 5 on S. W.
                S 3% on T. W.
No. 81 on C., and
RPETRYE on F. sides of top, with 4 notehes on E.,
and 2 notehes on W. edges of rim.
Slope changes to E. W.
  8.00
                Tor of ascent clopes ". about 150 ft. above sec.
18.00
                    corner; descond 200 ft. to
                   sec. corner horetofore described.
39.92
                Land, mountainous.
                Soil, 4th rate.
                Vigber, spruce and mahogany. Formation, limestone.
                From the corner of secs. 32, 33, 4 and 5, I run West on random line between secs. 5 and 32. Find no trace of 2 sec. corner.

Intersect F. and F. line 169 lks. C. of corner of
40.00
81.36
                    secc. 5, 6, 31 and 32, which is a limestone 5x8x8
                    inc. above ground, marked and witnessed as described by General Land Office.
                Thence I run

2. 88°40° D. on a true line between secs. 5 and 32,
                    ascending rough broken land.
                Top or ascent, about 100 ft. above corner, thence along broken K. slope, through dense growth of bear brush.
  5.80
36.00
                Descend F. H. slope.
                Drain, course N. W.; ascend spur sloping W. This drain is about 100 ft. below 36.00 ch. point. Set granite stone foxlox8 ins., 15 ins. in the ground, for h sec. corner, marked h on R. face; raise a mound of stone, 2: ft. base, 1; ft. high,
40.50
40.68
                    H. of corner.
                Enter scattering timber, bears N. and S. The corner of secs. 4, 5, 32 and 33, heretofore
58.00
81.36
                    described.
                Land, mountainous.
                Soil, 4th rate.
                Pimber, scattering spruce.
                 Formation, granite and limestone.
                 Undergrowth, bear brush.
                                                                              October 30. 1904.
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LOGAH FORFST RESERVE BOUNDARY.

North Bdy. T. 13 K., R. 2 L.

tober 31: At 9 a.m. I set off 14°05' S. on the declination are and 41°54' on the latitude are and determine a true meridian with the solar at the corner of secs. 31, 32, 5 and 6. Chains | October 31: Thence I run South between secs. 5 and 6 on a random line. Intersect E. and W. line, 58 lks. W. of \$ sec. corner, which is a limestone 16x14x5 ins. above ground, marked and witnessed as described by the General 40.20 Land Office Thence I run N. 0°50' W. on a true line between secs. 5 and 6, horth half; ascend gradually, slopes nearly west. Top slopes W. Descend through brush 350 ft. to Set boundary Post No. 82, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of 25.00 40.14 secs. 5, 6, 31 and 32, marked on cap: T 14 M S 32 W C on N. E. R 2 E S 5 on S. D.
T 13 N S 6 on S. W.
S 31 on N. W.
No. 82 on S., and
RESPRVE on S. E. sides of top, with 5 notches on E. and I notch on W. edges of rim. Corner of secs. 5, 6, 31 and 32, heretofore des-40.20 cribed. I set off 14°09' S. on the declination are and at 11^h50^m 1.m.t., observe the sun on the meridian, and obtain a reading of 41°53' on the latitude are, at the ½ corner between secs. 5 and 6.

Note: From above described ½ sec. corner I find another ½ sec. corner, bears S. 41°10' W., 319 lks. dist., properly marked and witnessed by mound of stone: Thence I run South on a random line between sees. 5 and 6, south half. Intersect F. and W. line 107 lks. W. of corner of secs. 5, 6, 7 and 8, which is a limestone 8x12x6 ins. above ground, marked and witnessed as described by the Gen. Land Office. To further establishment of the second sec 40.17 tablish corner I take: A spruce, 10 ins. diem., bears S. 17°15' W., 54 lks. dist., marked T 13 N R 2 E S 7 B T No other trees suitable within limits. Thence I run
I. 1°32' W. on a true line between secs. 5 and 6, Bouth half. south half.
Set Poundary Post Ro. 83, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 5, 6, 7 and 8, marked on cap:
T 13 N S 5 W C on N. F. .06 R 2 E S 8 on S. E. S 7 on S. W. S 6 on R. W. No. 83 on S., and RESERVE on E. sides of top, with 5 not ches on S. and E. edges of rim. Head of drain, course N. 70° W. Ascend 100 ft. 2.00 Top of spur sloping W. Doscend 350 ft. to 7.50 Spring drain, 2 lks. wide, course W. Ascend 150 ft. 25.80 to sec. corner, heretofore described. 40.17 Land, mountainous. Soil, 4th rate. Timbor, none; bear brush and scrub mahogany on N.

clopes.

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- LOGAR FORTER RISTRYF BOURDARY.

T. 13 H., R. 2 E.

	
Chaine.	Formation, limestone.
40.10	From the corner of sees. 5, 6, 7 and 6 I run South between sees. 7 and 8 on a random line. Intersect in and I. line fl lis. V. of 1 sec. corner, which is a granite stone 4x10x8 inc. above ground, marked and witnessee as described by the General Land Office.
.40 23.00 28.00 .40.10	N. 0°18' ". on a true line between secs. 7 and 8, north half. Drain, course ". ". Ascend C. ". slope. Top of ascent slopes "., 250 ft. above drain; thence along ". slope to. Begin descent T. slope, through dease undergrowth and scattering spruce. Corner of secs. 6, 6, 7 and 8, herotofore described, about 300 ft. below top. October 31, 1904.
38 . 91	November 1: At 8 a.m. I set off 14°22'Son the acclination are and 41°52' on the latitude are and determine a true meridian with the solar. At the 'corner between ecc. 7 and 8, Thence I run Couth on a rundom line between sees. 7 and 8. Intersect E. and C. line 105 lks. E. of corner of sees. 7, 8, 1% and 18, which is a granite stone Sx14x6 ins. Hove ground meriod and witnessed as described by the General Land Office. Thence I run H. 1°30' E. on a true line between sees. 7 and 8, south half, accending 5. E. alope.
20.00 29.00 38.91	Set Foundary Test To. 84, which is an iron post, with trace cep, 4 ft. long, 4 inc. diam., 3 ft. in the ground. for witness corner to corner of secs 7, 8, 17 and 18, worked on cep: TIC 7 & C. C. on 7
40.23	From the corner of sees. 7, 8, 17 and 18 I run South on a random line between sees. 17 and 18. Intersect - and T. line 106 lks. T. of . sec. corner, which is a granite 6x10x8 ins. alove grand. Larged and witnessed as described by General
5.41	Land Office. Thence I run N. 1°31' W. on a true line between secs. 17 and 18, north half; descending north slove through dence undergrowth. Set Poundary Post No. 85, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for forest reserve boundary line post, marked on cap:

T. 13 N., R. 2 F.

Chain	No. 85 on S., and
	RESERVE on E. sides of top.
5.60 8.30	
	below corner.
11.40	
T1.00	of S. P. Kilson's field; also begin ascent S. El
	slone.
40.21	Corner of sees. 7, 8, 17 and 18, heretofore des-
	cribed, about 150 ft. above creek. From the 3 corner between secs. 17 and 18
	Thence I run South on a random line between sees. 17 and 18.
45.73	At this point I intersect I. and W. line 202 1ks.
	W. of corner of sees. 17 and 18, 19 and 20, which is a limestone 18x1;x7 ins. lying on top of the
	ground properly marked, and a mound of stone ".
	of the point where the stone had set.
	T set in place of the stone Boundary Post No. 86.
	which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for cor-
	ner of secs. 17, 18, 19 and 20, marked on the cap.
	T 13 N S 17 on N. É. R 2 E S 20 on S. F.
	S 19 on S. W.
	S 18 on R. W.
	No. 86 on S., and E. sides of top, with 3 notches
	on a and 5 notches on T. edges of Time
	Note: The last helf mile between these secs. was rechained for errors, but failed to find any.
	Thomas I min
	the 2053' We on a true line between sees. 17 and 18,
77 00	south half. Ascending S. slope. Top of ridge about 300 ft. above corner; thence
13.00	Accord over W. W. Slope, Steep and Tocky.
39.70	Tritor donne growth of brush. bears : and ".
45.7	Boc. corner heretofore described.
}	Soil, 4th rate.
	Timber, none. Undergrowth, bear brush and some aspen along creek.
	Formation, limestone.
	The second data was to the second data and the
	I set off 14°28' S. on the declination are and at
	TAILED TO M. T. ANSINTY O GILL BULL VII DIEV HULL AND THE
	and obtain a reading of 41°51' on the latitude are at the corner of secs. 17, 18, 19 and 20.
	Thomas Trun
	West on a random line between sees. 18 and 19. Find no trace of old 2 sec. corner.
40.0	a l mana ma traca of corner of seas, 10, 10, 19000 54.
	thance I go to the water to
	between sees. 13 and 18, which is a limestone 16x10x5 ins., marked and witnessed as described by
	the Con . Land Office ANG TUB
	South on a random line between sees. 10 and 24.
40.0	Cot tomporpry.
	ROYOMDOT L. LEUM.
	November 2: At 8 a.m. I set off 14°41' S. on the declination are and 41°51' on the latitude are,
	and determine a true moridian with the solar.
	Thonco I continue South on random line between secs. 19 and 24.
80.0	on Wa trace of & sec. corner: Set temporary.
120.0	No trace of corner of secs. 19, 24, 25 and 30
	:•

T. 13 N. R. 2 F.

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Set temporary
Chains.
              I set off 14°47' S. on the declination are and at
                  11h48m observe the sun on the meridian and obtain
                  a reading of 41°50' on the latitude arc.
               Continuo line south.
               Ro trace of b sec. corner; set temporary.
Ho trace of corner of secs. 25, 30, 31 and 36; set
 160.00
200.00
               temporary.

No trace of a sec. corner; set temporary.

No trace of standard corner to corner of Tps. 13 N.,
240.00
 280.00
                  Rs. 1 and 2 F.; set temporary.
                                                               November 2, 1904.
               Hovember 3: Move camp. Rovember 4: At 8.30 a
                  ovember 4: At 8.30 a.m. I set off 15°20' S. on the declination are and 41°48' on the latitude are,
                  and establish a true meridian with the solar at
                  the standard corner of secs. 35 and 36. T. 13 N., R. 1 F., which is a limestone 7x6x8 ins. above ground. rarred and witnessed as described by the
                  ground, rarbed and w
General Land Office.
               Thence I run
               East on a random line along S. boundary of sec. 36.
To trace of standard 2 sec. corner; set temporary.
No trace of standard corner of T. 13 H., Rs. 1 and
   40.00
   09.08
                Difference between measurements by two sets of
                   chainmen at a point due south standard & soc. corner is 8 lks. Position of middle point
                Ty let set, 124.40 chs.

By and set, 174.48 chs.; the mean of which is
Intersect T. and C. line 137 lks. S. of standard

coc. corner on south boundary of sec. 31,
  120.45
                   which is a limectone 6x1fx9 ins. above ground
                   marked and witnessed as described by the General
                   Luna Office.
                lote: For fear of stormy bad weather, I continue
                    work on line and correct random.
                        Third Standard Parallel, Rango 2 E.
                    vember 9: At 8 a.m. I set off 16°48' S. on the declination are and 41°48' on the latitude are
                Royember 9:
                    and determine a true meridian with the solar at the standard | sec. corner on south boundary of
                 sec. 31.
Thence I run
E. 69°22' W. on south bdy. sec. 31.
                 Set a limestone 18x18x8 ins., 12 ins. in the ground for srandard corner of Tps. 13 R., Rs. 1 and 2 E.,
   49.15
                    marked E. C. on H. face and G. frooves on H., E., and W. sides of stone, 35 ft. base, 1; ft. high,
                 T. of corner.

E. 80°22' W., on south boundary of sec. 36.
                 Set a limestone 26x10x7 ins., 20 ins. in the ground, for standard becomer, marked SC ben H. facturated a mound of stone 35 ft. base, 15 ft. high,
   40.15
                                                                                    on H. falco;
                     n. of corner.
                  Standard corner of sees. 35 and 36, heretefore
   80.30
                     described.
                                   East Bdy. T. 13 H., R. 1 E.
                   Thonce I return to temporary stake set for corner
                      of sees. 31 and 36, T. 13 H., Rs. 1 and 2 F., and continue random line to an intersection
                      with the Third Standard Parallel.
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Intersect Third Standard Taxallel N. 480 iks. W.

283.22

East Bdy. T. 13 N., R. 1 E.

	•	
	and a second control of the second land and th	Contraction of the Contraction o
	Chains	of standard corner of T. 13 N., Rs. 1 and 2 F., heretofore described.
		Thence I run from the standard corner of T. 13 N.,
		Rs. 1 and 2 F., N. 0°58' W. between secs. 31 and 36.
	40.46	Set a limestone 26x10x7 ins., 20 ins. in the ground,
		for 1 sec. corner, marked 4 on W. face; raise a mound of stone 21 ft. base, 12 ft. high, W. of corner.
	80.92	Set Boundary Post No. 90, which is an iron post,
		with brase cap, 4 ft. long, 4 ins. diam., 3 ft. in a mound of stone, for corner of secs. 25, 30,
		31 and 36, marked on cap:
		T 13 N S 30 on N. E. R 2 E S 31 on S. E.
		S 36 on S. W.
		R 1 E S 35 on N. W. No. 90 on S., and
		RESERVE on E. sides of top, with 1 notch on S.
		and 5 notches on N. edges of rim; raise a mound of stone, $3\frac{1}{5}$ ft. base, $1\frac{1}{5}$ ft. high, W. of corner.
		N. 0°58' W. between secs. 25 and 30, ascending
	8.50	south slope. Top of ascent about 250 ft. above corner, thence
		along W. slope.
	29.70 40.46	Head of drain, course S. W. Set a granite 30x12x10 ins., 24 ins. in the ground,
-	40.40	for a sec. corner, marked a on w. lade; laise a
		mound of stone, 2 ft. base, 1 ft. high, W. of corner.
	45.00	Head of drain. course W.
-	54.00 60.00	Begin ascent of 250 ft. on S. W. slope. Top of ascent, slopes W. Descend N. slope 450 ft.
	00.00	to corner.
	80.92	Set Boundary Post No. 89, which is an iron post, with brass cap. 4 ft. long. 4 ins. diam., 3 ft.
-		with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for corner of secs. 19, 24, 25 and
	,	30, marked on cap: T 13 N S 19 on N. F.
		R 2 E S 30 on S. E.
-		S 25 on S. W. R 1 E S 24 on F. W.
		To 89 on S., and
		RESERVE on F. sides of top, with 2 notches on S. and 4 notches on F. sides of tim; raise a mound
		of stone. 32 ft. base, 15 ft. high, W. of corner.
		Land, mountainous. Soil, 4th rate.
		Timber, none.
		Formation, granite and limestone.
		N. 0°58' W. between secs. 19 and 24. Descending
	70.00	N. E. slope. A spur slopes N. 20° F.; thence descend N. W. slope.
	12.00 32.90	Branch, 7 lks. wide, course W., 600 ft. below corner.
		Ascend S. W. slope. Set Boundary Post No. 88, which is an iron post,
	35.90	with brass cap. 4 ft. long. 4 ins. diam. 3 ft.
		in the ground, for forest reserve boundary line
		post No. 88, marked on cap: No. 88 on E., and
		RESERVE on S. sides of top.
	36.10	Road (wood) bears N. 80° E. and S. 80° W. The point for 4 sec. corner falls on limestone rock
		in place 14x10x8 ft. shove ground: cut a cross
		(+) at corner point, and mark & on W. side; raise a mound of stone, 3g ft. base, 1g ft. high, W.
		of corner.
	1	1

East Bdy. T. 13 N., R. 1 E.

Chains	
70.00 78.83	Slope changes to S. Intersect random line along south boundary of sec.
79.00	18 prolonged W. this day. Top of ridge 750 ft. above branch, bears F. and W.
80.92	Descend R. slope. Set a limestone l6x1?x8 ins., 12 ins. in the ground, for corner of secs. 13, 18, 19 and 24, marked on N. and S. edges, with 3 grooves; raise a mound of stone 3½ ft. base, 1½ ft. high, W. of corner. Land, mountainous.
	Foil, 4th rate. Timber, aspen about 2 chs. wide along branch. Formation, limestone and granite.
40.46	R. 0°58 'W. between secs. 13 and 18. Lagrange secs. 13 and 18, heretofore described. T. 13 N., R. 2 E.
	Juno 7, 1905: At 9 a.m., l.m.t., I set off 22°44' N. on the declination are and 41°51' N. on the latitude are and determine a true meridian with the solar at corner of secs. 17, 18, 19 and 20, T. 13 N., R. 2 heretofore described. Thence I run West on a random line between secs. 18 and 19.
80.35	Intersect N. and C. line 209 lks. S. of corner of secs. 13, 18, 19 and 24, heretofore described.
.50	S. 88°30' E. on a true line between secs. 18 and 19, descending along E. slope of ridge. Set iron U. S. Forest Reserve Boundary Post No. 87 in the ground and mound of stone for witness corner to corner of secs. 13, 18, 19 and 24, marked
	on cap: WCT13 E S 18 on N. E. R ZE S 19 on S. E.
	5 24 · on D. W. R 1 E 5 13 on N. W.
	RECERVE in S. E. quadrant. No. 87 on S., with 6 notehos on H. and S. odges. Note: On account of a ledge so near to corner, near top of ground, it is best to set post at this
18.00	point. Foot of descent, about 150 ft. below corner.
40.17	Ascend along N. slope.
	ground, for 1 sec. corner, marked 1 on N. face; dig pits 18x16x12 ins. E. and W. of stone, 3 ft. dist., raise a mound of earth, 3% ft. base; 1% ft. high, north of corner.
52.50	Top of ridge bears K. 80° E. and S. 80° K.
68.30 80.35	Mining prospect bears E. about 60 IRS. disc. Corner of secs. 17, 18, 19 and 20, heretofore
	described. Land, mountainous. Soil, 3rd and 4th rate.
	Timber none. Formation, granite. June 7, 1905.

T. 13 N., R. 2 E.

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Chains.
                   November 4:
                         vember 4: At 2 p.m. I set off 15°26' S. on the declination are and 41°48' on the latitude are and
                       determine a true meridian with the solar, at the standard corner of secs. 31 and 32, which is a limestone 4x10x4 ins. above ground. properly marked, as described by the Gen. Land Office; no
                         stone mound.
                                                          To further establish this corner I
                         take:
                                A spruce, 10 ins. diam., bears N. 73°30' W., 137 lks. dist., marked T 13 N R 2 E S 31
                   No other trees.
Thence I run
N. 0°04' W. between secs. 31 and 32.
                         Ascending from corner.
                   Set Boundary Post No. 92, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to standard corner of secs. 31 and 32, marked on cap: T 13 N S 32 W C on N. E.
     .06
                         S C on N.
                        R 2 E S 31 on N. W.
                        No. 92 on S., and
                         RESERVE on E. sides of top, with 5 not ches on E. and 1 notch on W. edges of rim.
                    Top of ascent, ridge, 250 ft. above corner, slopes W. Descend steep N. slope through timber and
14.40
                        denne undergrowth.
                   Drain, course S. 70° W., 150 ft. below top; ascend; leave timber, bears F. and W.

Set a limestone 18x10x5 ins., 12 ins. in the ground, for \( \frac{1}{4} \) sec. corner, marked \( \frac{1}{4} \) on W. face; raise a mound of stone 3\( \frac{1}{6} \) ft. base, 1\( \frac{1}{6} \) ft. high, W. of
21.50
40.00
                         corner.
                    November 4, 1904.

November 5: At 9 a.m. I set off 15°40' S.on the declination are and 41°49' on the latitude are
                    and determine a true meridian with the solar.

Top of ridge, bears E. and W., 600 ft. above drain; thence along W. slope, also enter aspen thicket, bears E. and W.
64.00
                    Leave thicket, bears T. and W. Begin descent, N. slope, through timber, bearing
70.00
78.50
                         F. and W.
                    Set Boundary Post No. 91, which is an iron post, with brass cap, 4 ft. long, 4 ins., diam., 3 ft. in the ground, for corner of secs. 29, 30, 31 and
80.00
                       32. marked on cap:
T 13 N S 29 on N. E.
                       R 2 E S 32 on S. E.
                       S 31 on S. W.
S.30 on N. W.
                       S.30 on N.
                      No. 91 on S., and
RESERVE on N. and E. sides of top, with 1 notch on
S. and 5 notches on E. edges of rim, from which:
A pine, 16 ins. diam., bears N. 34°45' E., 48
lks. dist., marked T 13 N R 2 E S 29 B T
A pine, 16 ins. diam., bears S. 49°45' E., 170
lks. dist., marked T 13 N R 2 E S 32 B T
A pine 6 ins. diam., bears S. 19° W., 17 lks.
                                 A pine, 6 ins. diam., bears S. 19° W., 17 lks. dist., marked T 13 N R 2 E S 31 B T
A pine, 12 ins. diam., bears N. 5° W., 23 lks. dist., marked T 13 N R 2 E S 30 B T
                     Land, mountainous.
                    Soil, 4th rate.
                     Timber, pine and aspen.
Undergrowth, bear brush.
Formation, limestone.
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T. 13 N., R. 2 E.

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I set off 15°43' S. on the declination are, and
Chains .
                at 11 148 1.m.t., observe the sun on the meridian and obtain a reading of 41°49' on the latitude
             West on a random line between secs. 30 and 31.
40:00
             Set temporary 1 sec. corner.
             Intersect W. boundary of township 26 lks. S. of corner of secs. 25, 30, 31 and 36, heretofore
81.50
                 described.
             Thence I run
             E. 89°48' E. on a true line between secs. 30 and 31.
                 Descending S. E. slope.
             Drain, course S. 70° W. about 75 ft. below corner;
 9.90
             ascend over rough broken land, scattering timber. Point for the sec. corner falls on limestone in place 36x20x12 ins. above ground; at the corner point cut a cross (+) and mark the on the N. side; raise
41.50
                 a mound of stone 31 ft. base, 11 ft. high, north
                 of corner.
             Enter timber (heavy) bears N. W. and S. 80° E.;
74.50
                 slope changes to N., thence along same, about
             900 ft. above drain.
Corner of secs. 29, 30, 31 and 32, heretofore
81.50
                 described.
             Land, mountainous.
             Soil, 4th rate.
             Timbor, spruce, Formation, linestone.
                                                                November 5, 1904.
                                       T.12 N., R. 2 E.
             November 6:
             Note: After diligent search I fail to find any trace of closing corner on Third Standard Parallel, or
                  sec. corner between secs. 5 and 6, T. 12 N.,
             Therefore at 9 a.m. I set off 15°58' S. on the declination are and 41°48' on the latitude are and
                 determine a true meridian with the solar at the corner of sees. 5, 6, 7 and 8, which is a lime-stone 6x12x8 ins. above ground. marked and wit-
                 nessed as described by the General Land Office.
              Thenco I run
              N. 0°04' W. between secs. 5 and 6; ascending S. W.
              slope. No.94
Set am iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to corner of secs. 5, 6, 7 and 8, marked on cap: T 12 N S 5 W C on N. E.
    .06
                 R 2 E S 8 on S. E.
                 S 7 on S. W.
                 S 6 or N. W.
                 No. 94 on S., and RESERVE on E. sides of top with 5 notches on S.
              and E. edges of rim.
Top of ascent, bears E. and W., 250 ft. above corner,
descend N. W. slope.
Spring drain, 1 lk. wide, course N.80° W., 250 ft.
below top; ascend S. W. slope.
 14.00
 29.30
              Set a limestone 24x10x6 ins., 18 ins. in the ground, for ½ sec. corner, marked ½ on W. face; raise a mound of rock, 3½ ft. base, 1½ ft. high, W. of corner. Cache Enterprise Mine bears S. W. about
 40.00
                  100 lks. dist.
               Top of spur slopes S. W. about 250 ft. above drain, gradually descend N. W. slope 50 ft. to
 40.50
```

```
Chains
              Drain, course S. W. Ascend 250 ft. on S.E. slope. Top of ascent, slopes W.; thence along same.
48.50
60.00
65.00
              Begin descent of N. W. slope, through scattering
              timber and dense undergrowth.

Set Boundary Post No. 93, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to closing corner of secs. 5 and 6, marked on cap:

R 2 E S 5 W C on S. E.
82.11
                 T 12 N S 6 on S. W.
C C No. 93 on S., and
RESERVE on S. F. sides of top, with 5 notches
                  on F. and 1 on W. edges of rim, from which:
A spruce, 8 ins. diam., bears S. E., 72
lks. dist., marked W C T 12 N R 2 E S 5 B T
                           The instrument bearing was not taken to this
                           troo.
                       No other trees within limits.
              Intersect Third Standard Parallel North
82.31
                  0.53 chs. W. of standard corner of secs. 31 and 32, herotofore described. The true point for
                  closing corner falls on shale ledge, therefore
                  set witness corner ?0 lks. S.
              Land, mountainous. Soil, 4th rate.
               Timber, spruce.
               Formation, limestone.
              Drain, course N. W., 10 lks. E. of this corner.
               I set off 16°01' S. on the declination are and at 11<sup>h</sup>48<sup>m</sup> 1.m.t. observe the sun on the meridian and obtain a reading of 41°48' on the latitude are at the corner of secs. 5, 6, 7 and 8.
               Thence I run

S. 0°04' E. on a random line between secs. 7 and 8.

Find no trace of ½ sec. corner; set temporary.

Find no trace of corner of secs. 7, 8, 17 and 18;
40.00
00.08
                  set temporary.
                                                                      November 6, 1904.
               November 7: I set off 16°13' S. on the declina-
                   tion are and 41°47' on the latitude are and at
                   8 a.m. determine a true meridian with the solar at the temporary corner to sees. 7, 8, 17 and 18.
               Thence I run
S. 0°04' E. on a random line between secs. 17 and
                   18.
               Find no trace of 1 sec. corner.
Find no trace of corner of secs. 17, 18
 40.00
                                                                                       19 and 20.
 80.00
                   nor any evidence of a survey reported by the Euryeyor General to be made this summer. Th
                                                                                               There-
               foro I go back to the corner of secs. 5, 6, 7 and 8 and make my random a true line south.

South 0°04' E. between secs. 7 and 8. Descending
                   S. W. slope.
               Drain, course N. 70° W., 50 ft. below corner;
   2.25
                   ascend R. W. slope.
               Top, bears F. and W., about 150 ft. above drain. Head of drain, course W.; ascend through timber
   9.20
 10.80
                   bearing F. and W.
               Leave timber, bears E. and W.
Top of ascent 600 ft. above first drain slopes
S. 70° W.; descend, sloping S. 60° W.
 24.00
 28.00
                Set a limestone 20x16x4 ins., 15 ins. in ground, for $\frac{1}{4}$ sec. corner, marked $\frac{1}{4}$ on W. face; raise a mound of stone 3$\frac{1}{2}$ ft. base, 1$\frac{1}{2}$ ft. high, W. of
 40.00
                    corner.
                Drain, course N. 70° W. 150 ft. below top; ascend
 45.50
                    N. W. slone through timber
```

T. 12 N., R. 2 E.

```
Chains.
               Top of ascent, slopes N. 70° W. Leave timber, bears N. and W. Descend S. W. slope.

Drain, course N. 70° W. about 80 ft. below top of ridge; ascend N. W. slope.
57.50
66.00
                Top of ridge 150 ft. above drain slopes N.70° W.
78.50
                   Descend through scattering timber.
               Set Boundary Post No. 95, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for corner of secs. 7, 8, 17 and
80.00
                   18, marked on cap:
T 12 N S 8 on N. E.
R 2 F S 17 on S. E.
                    S 18 on S. W.
                    S 7 on N. W.
                    No. 95 on S., and
                    RESTRVE on S. and F. sides of top, with 4 notches on S. and 5 notches on F. edges of rim, from
                    which:
                          A codar, 17 ins. diam., bears H. 50°10' E.,
156 lks. dist., marked T 12 N R 2 E S 8 B T
                    A spruce, 14 ins. diam., bears N. 30°30' W., 85 lks. dist., marked T 12 N R 2 E S 7 B T
No other suitable trees; raise a mound of stone 3½ ft. base, 1½ ft. high, W. of corner.
                Land, mountainous.
                Soil. 4th rate.
                Timber, spruce, cedar and aspen. Formation, limestone.
                I set off 16°19' S. on the declination are and at 11<sup>h</sup>48<sup>m</sup> 1.m.t. observe the sun on the meridian and obtain a reading of 41°46' on the latitude
                    are at the corner of secs. 7, 8, 17 and 18.
                Thence I run
                West on a random line between secs. 7 and 18.

Intersect N. and S. line 70 lks. N. of & sec. corner, which is a limestone 4x8x4 ins. above ground, marked and witnessed as described by the Gen. Land
40.50
                     Office. To further establish this corner I take:
                          A codar, 10 ins. diam., bears H.

18 1ks. dist., marked & S 7 B T
A codar, 7 ins. diam., bears C. 1
1ks. dist., marked & S 18 B T
                                                                                          15°30' E., 83
                 Thence I run
                 N. 89°00' L. on a true line between secs. 7 and 18,
                     east half; ascending C. W. slope, through scat-
                     tering timber.
                 Limestone ledge, 10 ft. high, bears E. and S. Top of ascent, sloping S., about 600 ft. above corner; thence along slope to Corner of secs. 7, 8, 17 and 18, heretofore des-
   2.50
 39.00
 40.50
                     cribed.
                 Land, mountainous.
Soil, 4th rate.
                 Timber, suruce and scrub cedar.
                 Formation, limestone.
                  From the corner of secs. 7, 8, 17 and 18
                  I run
                  S. 0°04' E.m between secs. 17 and 18; descending
                      S. slope through scattering timber.
                 Drain, course W., about 300 ft. below top of ridge, ascend W. W. slope through heavy timber.

Top of ridge, 300 ft. above drain, bears F. and W.
Descend S. F. slope; leave timber, bears F. and W.
Set a limestone 20x12x4 ins., 15 ins. in the ground.
  15.50
  28.50
  40.00
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for ½ sec. corner, marked ½ on W. face; raise a

LOGAN FOREST RESERVE BOUNDARY.

T. 12 N., R. 2 F.

```
Chains.
                 mound of stone, 32 ft. base. 13 ft. high. W. of
                 corner.
              Set a limestone 18x10x6 ins., 12 ins. in the ground, for corner of secs. 17, 18, 19 and 20, marked with 3 grooves on S. and 5 grooves on E. faces;
80.00
                 raise a mound of stone 32 ft. base, 12 ft. high,
                 W. of corner.
              Corner about 600 ft. below top of ridge.
              Land, mountainous.
              Soil, 4th rate.
              Timber, spruce.
              Formation. limestone.
                                                                  November 7. 1904.
              November 8: At 9 a.m. I set off 16°33' S. on the declination are and 41°46' on the latitude are,
                 and determine a true meridian with the solar at
                  the corner of secs. 17, 18, 19 and 20.
              Thence I run
              West between secs. 18 and 19; ascending S. E. slope.
Limestone ledge, 40 ft. high, bears N. and S.;
thence along rough broken slope, through scrub
  4.90
                  cedar.
              Side hill drain, course S.

Set Boundary Post No. 98, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for \( \frac{1}{4} \) sec. corner, marked:
\( \frac{1}{4} \) S 18 on N.
\( \frac{1}{4} \) S 19 on S.
18.50
40,00
                 No. 98 on S., and
                 RESERVE on S. and F. sides of top, from which:
                      A cedar, 5 ins. diam., bears N. 67°15' E., 32 lks. dist., marked 1 S 18 B T
                      A cedar, 7 ins. diam., bears S. 65° E., 65 lks. dist., marked & S 19 B T
              Side hill drain, course S. Ascend.
Limestone ledge, 30 ft. high, bears N. and S. Top
of ascent, about 125 ft. above drain; descend W.
42.50
52.00
                 slope.
65.00
              Slope, changes to N. W.
              Intersect W. boundary of township 410 lks. N.15° W. of corner of secs. 15, 18, 19 and 24, heretofore described at which point
79.20
              Set Boundary Post No. 99, which is an iron post, with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for closing corner of secs. 18 and 19,
                 marked on cap:
T 12 N S 18 on N. C.
R 2 E S 19 on E. E.
                  C C on E.
                 No. 99 on S., and
RESERVE on S. E. sides of top, with 3 notches on
                 R. and S. edges of rim, from which:
A cedar, 12 ins. diam., bears N. 60°50' E., 78
lks. dist., marked C C T 12 N R 2 E S 18
                       No other suitable trees.
              Destroy all markings on Post No. 1 relating to R.2.
              Land, mountainous.
              Soil, 4th rate.
              Timber, scrub cedar.
              Formation, limestone.
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I set off 16°36' S. on the declination are and at 11^h48^m 1.m.t. observe the sun on the meridian and obtain a reading of 41°46' on the latitude are at the ½ corner on the south boundary of sec. 18

LOGAN FOREST RESTRVE BOUNDARY.

T. 12 N., R. 2 E.

ł	
	}
Chaina	Thence I run
onains.	
. 1	North on a random line through sec. 18 from \(\frac{1}{4} \) sec.
	corner between secs. 18 and 19, heretofore des-
	cribed.
40.00	Set temporary ½ mile corner.
79.98	Intersect N. boundary sec. 18 10 1ks. W. of 2 sec.
	corner, heretofore described.
1	
	Thence I run
	S. 0°04' W. on a true line through sec. 18. De-
	scending through scattering cedar.
.06	Set Boundary Post No. 96, which is an iron post,
-	with brass can, 4 ft. long, 4 ins. diam., 3 ft.
	with brass cap, 4 ft. long, 4 ins. diam., 3 ft. in the ground, for witness corner to $\frac{1}{4}$ sec. cor-
	nor, marked on cap:
	½ S 7 on N.
	WC on N. E.
	1 S 18 on S.
	No. 96 on S., and
•	RESERVE on S D. sides of top.
4.50	Drain, course W. 80° W., 125 ft. below corner; as-
4.00	cond N. W. slope.
07 00	Top of spur, slopes N. W., 300 ft. above drain.
23.00	Top of spar, stopes it. T., 500 it. above train.
	Descend S. W. slope. Leave timber, bears D. and W.
39.99	Set Boundary Post No. 97, which is an iron post,
	with brass cap, 4 ft. long, 4 in. diem., 3 ft. in
	mound of stone, for forest reserve boundary line
	post, marked on cap:
	No. 97 on S., and
	RESERVE on T. sides of top.
40.70	Drain, course H. W. about 100 ft. below top; ascend.
40.10	prain, course n. w. about 100 in below of about
49. 50	Top of ascent, 125 ft. above drain, slopes N. W.;
	thence along broken W. slope.
61.00 '	Descend 450 ft. on slope, through scrub cedar to
79.98	sec. corner heretofore described.
, ,	Land, mountainous.
-	Soil, 4th rate.
	Timber, spruce and scrub cedar.
	Timber, Spine Min Serub Count.
	Formation, limestone.
	November 8, 1904,
	F. E. Joy,
	U. S. Surveyor

FINAL OATHS OF DEPLEMENT SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by	
, United States Deputy Surveyor, to assist in running, m	easuring, and
rking the lines and corners described in the foregoing field notes of the survey of	
Logan Forest Reserve Boundary	**
owing the respective capacities in which they acted:	
D. D. Toncray, L. B. Cole	, Chainman.
Geo. M. Anderson, Peter Anderson	, Chainman.
James L. Linville	, Moundman.
,	., Moundman.
L. P. Cole	., Axman.
P. A. Tajlor	
FINAL OATH OF ASSISTANTS.	,
We hereby certify that we assisted	
, United States Deputy Surveyor, in	
ose parts or portions of the	
ose parts or portions of the	•
of the	
of the	
Fase and meridian, State of Utah , which the foregoing field notes as having been surveyed by him and under his direction; and t	
as been in all respects, to the best of our knowledge and belief, well and faithfully sur orner monuments established, according to the instructions furnished by the Enterties.	veyed, and the
encentro Director, U.S. Geological Survey.	
D.D. Toncray, L.B. Cole	, Chainman.
.Geo. M. Anderson, Peter Anderson	
James L. Linville	
L. P. Cole	
٠	
.P. A. Taylor	
.P. A. Taylor	
•	• · · · ·
day of	
<u> </u>	
6-151 U.S. Surveyo	or

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

	TT the 1 (the tree Type or best)
I, F.E.Joy	United States Noputy:Surveyor, on thick received from Tirector, il. 11.11.11.010; i.e.,
solemnly swear that, in pursuance of acc	ontigicireceived from
	urvey, bearing date of t
day of	with the instructions furnished by the United States Surrey
	the Manual of Surveying Instructions, and the laws of t
	r portions of
• • •	
	of the Salt Lare .
	State of Utali, which are represented in (
	eyed by me, and under my direction; and I do further solemn
swear that all the corners of said survey	have been established and perpetuated in strict accordance w
the Manual of Surveying Instructions, an	d the special written instructions of the United States Survey
	and in the specific manner described in the field notes, and the
the foregoing are the original field notes	of such survey.
	To a Tour
	Y. L. Joy United States Depicty Survey
	Similar Dapany Sartesy
Subscribed by said F. J.J.J.	, and sworn to before me)
this 1.7 day of Jul	easbor, 1904.
22 " Jul;	y 1905
කකතනක	J.W.Larsen, Clr., of the Dr.
O SEAL O OOOOOO	Court of the First Judicial Distorthe State of Utany.
	County of Caches; and
	APPROVAL. Jacob Coleman, Clerk Dist. Co
	Nephi, Juab Co., Utah.
OFFICE OF THE T	INTELLETATES SURVEYOR GENERAL
OFFICE OF THE DIRECT	OR UNITED STATES GEOLOGICAL SURVEY.
	JUN_1.2_1906190
The foregoing field notes of the gum	Today Town 1
	vey of Logan .Fonest. keserwe.Pou.dany
executed by F. E. Joy	
	l
	orrections and explanations made, the said field notes, and
surveys they describe, are hereby approve	
	Il was Wallet
	United States Sweety or Gener
	Director U.S. Geological Survey
	ipt of the field notes of the above-described surveys inStat
of itah, has been	n correctly copied from the original notes on file in this office.